# PHASE I ENVIRONMENTAL SITE ASSESSMENT 8 PARCELS IN THE AREA BOUND BY WILKINS, DEQUINDRE, ADLEAIDE, AND RIOPELLE STREETS DETROIT, MICHIGAN 48207 (PARCELS 1 THROUGH 8)

prepared for

CITY OF DETROIT 660 WOODWARD AVENUE, SUITE 1800 DETROIT, MICHIGAN 48226

> AKT PEERLESS PROJECT NO. 7443F-1-17 FEBRUARY 13, 2012

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## PHASE I ENVIRONMENTAL SITE ASSESSMENT

8 PARCELS IN THE AREA BOUND BY WILKINS, DEQUINDRE, ADELAIDE, AND RIOPELLE STREETS DETROIT, MICHIGAN 48207

AKT PEERLESS PROJECT No. 7443F-1-17

## 1.0 INTRODUCTION

The City of Detroit (the Client) retained AKT Peerless Environmental & Energy Services (AKT Peerless) to conduct a Phase I Environmental Site Assessment (ESA) of eight (8) parcels in the area bound by Wilkins, Dequindre, Adelaide, and Riopelle Streets in Detroit, Wayne County, Michigan (the subject property). The City of Detroit Department of Environmental Affairs was awarded a United States Environmental Protection Agency (USEPA) Brownfield Assessment Grant to conduct environmental assessments of brownfield properties in the Eastern Market Project Area. This Phase I ESA was conducted as part of that grant on behalf of the Client.

This Phase I ESA was conducted in accordance with (1) the United States Environmental Protection Agency (USEPA) Standards and Practices for All Appropriate Inquiries [(AAI), 40 CFR Part 312] and (2) guidelines established by the American Society for Testing and Materials (ASTM) in the Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process / Designation E 1527-05 (ASTM Standard Practice E 1527-05).

#### 1.1 PURPOSE

The purpose of this Phase I ESA was to evaluate the current and historical conditions of the subject property in an effort to identify *recognized environmental conditions* (RECs)<sup>1</sup> and *historical recognized environmental conditions* (HRECs)<sup>2</sup> in connection with the subject property. Moreover, certain users of this Phase I ESA may be able to satisfy one of the environmental due diligence requirements to qualify for the bona fide prospective purchaser, contiguous landowner, or innocent landowner liability protections available under the

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<sup>&</sup>lt;sup>1</sup> ASTM's Standard Practice E 1527-05 defines the term recognized environmental condition (REC) as the presence or likely presence of any hazardous substance or petroleum product on a property under conditions that indicate (1) an existing release, (2) a past release, or (3) a material threat of a release of a hazardous substance or petroleum product into structures on the subject property or into the ground, groundwater, or surface water of the subject property.

<sup>&</sup>lt;sup>2</sup> ASTM defines the term historical recognized environmental condition (HREC) as an environmental condition which in the past would have been considered an REC, but which may or may not be considered an REC currently. Neither HRECs nor RECs are intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.



Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, the Superfund Amendments and Reauthorization Act (SARA) of 1986, and the Small Business Liability and Brownfield Revitalization Act (Brownfield Amendments) of 2002. This Phase I ESA is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs and HRECs in connection with the subject property.

#### 1.2 SCOPE OF SERVICES

AKT Peerless' scope-of-services is based on its proposal PF-12816 dated December 7, 2011, and authorized December 9, 2011, and the terms and conditions of that agreement. This Phase I ESA included the following:

- an inquiry of environmental conditions by an environmental professional.
- a review of specialized knowledge reported by the Client.
- a review of public and historical records, including those maintained by federal, state, tribal, and local government agencies.
- interviews with regulatory officials and personnel associated or knowledgeable with the subject property, including as appropriate past and present owners, or neighbors if the property is abandoned.
- a reconnaissance of the subject property and adjoining properties.

#### 1.3 PROJECT RESOURCES

AKT Peerless referred to the following resources between December 9, 2011 and February 13, 2012 to complete its ESA:

- USEPA, Region 5
- United States Geological Survey (USGS)
- United States Department of Agriculture (USDA) Soil Conservation Service
- Michigan Department of Environmental Quality (MDEQ)
- Wayne County Environmental Health Department
- Detroit government sources (e.g., assessing, health, building, and fire departments)
- DTE Energy
- Environmental Data Resources, Inc. (EDR)
- City directories
- Interviews and questionnaire responses

## 1.4 SIGNIFICANT ASSUMPTIONS

During this Phase I ESA, AKT Peerless made the following significant assumptions:



- AKT Peerless assumed that the information provided by EDR in the regulatory database report is an accurate and complete representative summary of the information contained in the referenced regulatory agency records, except when such information is obviously contradicted by other data.
- AKT Peerless assumed that the information used to prepare this assessment that was obtained
  from ostensibly knowledgeable individuals, regulatory agency representatives, or other
  secondary sources was an accurate and complete representative summary of the information
  possessed by those individuals, representatives, or sources.

## 1.5 LIMITATIONS AND EXCEPTIONS

A list of general limitations and exceptions typically encountered when completing Phase I ESAs is provided in Appendix A. Along with the inherent limitations set forth in various sections of ASTM Standard Practice E 1527-05 and the USEPA All Appropriate Inquiry Standard, the accuracy and completeness of this report may also be limited by the following project specific facts or conditions:

- Due to instability of the subject buildings located on Parcels 1, 2, and 6, AKT Peerless was unable to evaluate the interior portions of these structures. It should be noted that subject property parcels were observed from public thoroughfares only as Right of Entry agreements were not obtained for these properties.
- The subject property and adjoining properties are not depicted on the 1889 fire insurance maps provided by EDR.
- Due to a data failure, AKT Peerless was unable to determine the heating sources for the structures formerly present on the subject property, except as indicated in this report.
- Due to a data failure, AKT Peerless was unable to determine if the commercial structures formerly present on the subject property contained basements, except as indicated in this report. Fill material used in former basements may present stability issues during construction, and should be properly characterized prior to disposal.
- AKT Peerless contacted the Detroit Health Department regarding the subject property. At the time of completion of this Phase I ESA, AKT Peerless has not received a response regarding the requested information. If the Detroit Health Department provides files and/or documents that change the conclusions and/or recommendations of this Phase I ESA, AKT Peerless will immediately submit an addendum.
- AKT Peerless was not provided with contact information for the owners of six subject property parcels (Parcels 1, 2, 3, 6, 7, and 8), which are not owned by the City of Detroit. In addition, access to these subject property parcels to conduct the reconnaissance was not provided. Therefore, these six parcels of the subject property were visually observed from adjoining streets and rights-of-way.
- AKT Peerless' review of readily available standard and other historical sources provided only limited information regarding heating fuel sources associated with the former structures present on the subject property from development in the 1800s until natural gas services were



provided in at least 1973. These former structures may have used an alternative fuel source (e.g., coal, wood, electricity, propane, steam, heating oil, etc.) for heat. This gap in historical information is considered *data failure* as provided in Section 7.3.2.3 of the ASTM Standard Practice For ESAs (E 1527).

Subject to the general limitations and exceptions listed in Appendix A and the referenced terms and conditions, AKT Peerless accepts responsibility for the competent performance of its duties in executing this assignment and preparing this report in accordance with the normal standards of the profession, but disclaims any responsibility for consequential damages.

Should additional information become available to the Client that differs significantly from our understanding of conditions presented in this report, AKT Peerless requests that such information be forwarded immediately to our attention so that we may reassess the conclusions provided herein and amend this project's scope of services as necessary and appropriate.

#### 1.6 SPECIAL TERMS AND CONDITIONS

To the best of AKT Peerless' knowledge, no special terms or conditions apply to the preparation of this Phase I ESA.

#### 1.7 USER RELIANCE

AKT Peerless performed this Phase I ESA for the benefit of the City of Detroit. AKT Peerless acknowledges that this party may rely on the contents and conclusions presented in this report. Unless stated otherwise in writing, AKT Peerless makes no other warranty, representation, or extension of reliance upon the findings of this report to any other entity or third party.

## 2.0 USER AND/OR CLIENT PROVIDED INFORMATION

AKT Peerless submitted a questionnaire to the City of Detroit requesting information about the subject property and this Phase I ESA. Mr. Min Yang, Environmental Specialist with the City of Detroit, completed the questionnaire on behalf of the City of Detroit. The following subsections summarize the information Mr. Yang provided to AKT Peerless.

#### 2.1 TITLE RECORDS

The Client did not provide recorded land title records to AKT Peerless.

## 2.2 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

The Client did not report (1) environmental cleanup liens against the subject property that are filed or recorded under federal, tribal, state, or local law; or (2) activity and use limitations (AULs), such as engineering controls, land use restrictions or institutional controls, that are in place at the subject property and/or have been filed or recorded in a registry under federal, tribal, state, or local law.



#### 2.3 KNOWLEDGE OF THE USER

The following draft report was obtained from the Client by AKT Peerless regarding the subject property:

 <u>Draft Phase I ESA</u> (text only), dated May 2009 by The Traverse Group on behalf of the City of Detroit.

The contents of this previous environmental report is summarized and discussed in Section 4.4.5.

## 2.4 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

The Client did not report knowledge of, or reason to anticipate, a reduction in the value of the subject property for environmental issues.

## 2.5 REASON FOR PERFORMING THIS PHASE I ESA

This Phase I ESA was conducted as part of environmental due diligence associated with potential redevelopment of the subject property.

## 3.0 <u>SUBJECT PROPERTY DESCRIPTION</u>

#### 3.1 LOCATION AND LEGAL DESCRIPTION

The subject property consists of eight (8) parcels located in the area bound by Orleans, Wilkins, Dequindre, and Adelaide Streets in Detroit (Township 2S / Range 12E), Wayne County, Michigan. The subject property is zoned M3, General Industrial Business and B6, General Services District.

For ease of reference, AKT Peerless has designated each of the subject property parcels with a number. These designations have no relevance to legally recorded data about the subject property. The following table identifies the subject property parcel identification numbers, address, and current owner of record according to the City of Detroit Finance Department – Assessments Division:

Parcel Number	Address	Tax Identification Number	Approximate Square Footage	Owner of Record*
1	2900 Orleans Street	07000891	7,797	Fodale, LLC
2	2902 Orleans Street	07000892	92,565	Fodale, LLC
3	1600 Wilkins Street	07000913-5	50,007	L&S Maniaci Properties, LLC
4	2901 Orleans Street	07001950-4	2,788	City of Detroit – Pⅅ
5	1576 Brewster Street	07000893-6	1,394	City of Detroit – Pⅅ
6	1825 Division Street	07000869	37,200	Berry & Sons Islamic Slaughter
7	1807 Adelaide Street	07000843	5,750	E&B Brewery Lofts, Inc.
8	1811 Adelaide Street	07000844-8	43,560	London Group Holding, LLC



\* P&DD is the Planning & Development Department for the City of Detroit.

The property possessing the addresses of 2900 and 2902 Orleans Street will be described herein as the Former Thornapple Valley Property. The property possessing the addresses of 1600 Wilkins Street, 1576 Brewster Street, and 2901 Orleans Street will be described herein as the Former Thornapple Valley Parking Property. The property possessing the addresses of 1825 Division Street, and 1807 and 1811 Adelaide Street will be described herein as the Former Orleans/Division Industrial Properties.

These properties will be collectively referred to as "the subject property" throughout this report unless otherwise noted (i.e., by Parcel Number as described above, or as the Former Thornapple Valley Property, the Former Thornapple Valley Parking Property, or the Former Orleans/Division Industrial Properties).

AKT Peerless identified the following historical address ranges associated with the subject property parcels:

- 2904 through 2920 Orleans Street, even, (post-1921);
- 574 through 592 Orleans Street, even, (pre-1921);
- 1825 Alfred Street (post-1921);
- 457 Alfred Street (pre-1921);
- 2909 through 2939 Orleans Street, odd, (post-1921);
- 2502 through 2618 Orleans Street, even, (post-1921);
- 498 through 508 Orleans Street, even, (pre-1921);
- 581 Orleans Street (pre-1921);
- 1532 through 1578 Wilkins Street, even, (post-1921);
- 304 through 322 Wilkins Street, even, (pre-1921);
- 1800 through 1824 Wilkins, even, (post-1921);
- 338 through 352 Wilkins, even, (pre-1921);
- 1801 Brewster Street (post-1921);
- 1636 Brewster Street (post-1921);
- 326 through 356 Brewster Street, even, (pre-1921);
- 559 through 575 Dequindre Street, odd, (pre-1921);
- 1822 through 1851 Alfred Street, even and odd, (post-1921);
- 455 through 470 Alfred Street, even and odd, (pre-1921);
- 1822 through 1855 Division Street, even and odd, (post-1921);
- 340 through 356 Division Street, even and odd, (pre-1921);
- 1801 through 1853 Adelaide Street, odd, (post-1921);
- 489 through 511 Adelaide Street, odd, (pre-1921); and
- 329 Adelaide Street (pre-1921).

Refer to Figure 1, Subject Property Location Map; Figure 2, Topographic Location Map; Figure 3, Parcel Map; and Figure 4, Subject Property Map. The legal descriptions of the subject



property are presented in Appendix B. Photographs taken during AKT Peerless' subject property reconnaissance are provided in Appendix C.

## 3.2 SUBJECT PROPERTY AND VICINITY CHARACTERISTICS

The subject property is located in the Eastern Market area of Detroit, which is located to the east of Interstate I-75, south of Mack Avenue and north of Gratiot Avenue. The subject property is located in an area of Detroit that is characterized by unimproved land, vacant and occupied industrial and food processing properties, paved parking areas, surface roadways, and a railroad.

#### 3.3 DESCRIPTION OF STRUCTURES AND OTHER IMPROVEMENTS

The area of the subject property described as the Former Thornapple Valley Property consists of an industrial building, portions of which are collapsed.

The area of the subject property described as the Former Thornapple Valley Parking Property is currently vacant land. The southern portion of this property is a paved parking lot. The remaining areas of the property are covered with densely-growing vegetation.

The area of the subject property described as the Former Orleans/Division Industrial Property consists of an industrial building, portions of which have collapsed, on Parcel 6. The remaining areas of the property consist of vacant land. Portions of this property are paved.

#### 3.4 CURRENT USE OF THE SUBJECT PROPERTY

The eight subject property parcels are either unoccupied or consist of a parking lot and/or unimproved land, and are not used for a significant or obvious purpose.

## 3.5 UTILITIES AND MUNICIPAL SERVICES

AKT Peerless identified the type and supplier of utilities provided to the subject property. These services are described in the following table:

Utility / Service	Туре	Utility Company or Municipality	Comments/Historical Services
heat	natural gas	DTE Energy	natural gas service has been available to the area of the subject property since at least 1930 initial connection date not determined; Parcel 7 formerly used stove heat; Parcel 8 formerly used steam and oil heat
municipal waste	general refuse	Not Applicable	municipal waste is not currently generated on the subject property
potable water	municipal	City of Detroit	municipal drinking water has been available to the area of the subject property since the late-1800s; initial connection date not determined
electricity	electric lines	DTE Energy	currently available; initial connection date not determined



Utility / Service	Туре	Utility Company or Municipality	Comments/Historical Services
sewage disposal	municipal	City of Detroit	municipal sewer has been available to the area of the subject property since the late-1800s; initial connection date not determined

Additional information regarding the referenced heat, water, and sewage utilities is presented in Section 4.4.

## 3.6 CURRENT USES OF THE ADJOINING PROPERTIES

The following table describes the current uses of the adjoining properties, identified occupants, and noteworthy observations of environmental concern, if any, that were noted during AKT Peerless' recent reconnaissance of the adjoining properties.

Former Thornapple Valley Property Adjoining Properties

Direction	rection Address Current Use / Occupant		<b>Potential Concerns</b>	
north	1850 Erskine Street	vacant land / none apparent none obser		
northeast	1903 Wilkins Street	institution / Detroit Edison Public School Academy	none observed	
	1900 Wilkins Street	light industrial building / unoccupied	none observed	
east (north to south)	1955 Alfred Street	light industrial / Detroit Edison Electrical Substation	none observed	
	1940 Alfred Street	vacant / none apparent	none observed	
southeast	1923 Division Street	vacant land / none apparent	none observed	
south	1825 Division Street	light industrial building / unoccupied	none observed	
southwest	2740 Orleans Street	light industrial building / unoccupied	none observed	
	2901 Orleans Street	ns Street vacant land / none apparent		
west	1600 Wilkins Street	vacant land / none apparent	none observed	
(north to south)	1576 Brewster Street	vacant land / none apparent	none observed	
55 4411)	2814 Orleans Street	light industrial / Saad Wholesale Meats	none observed	
northwest	1580 Wilkins Street	vacant land / none apparent	none observed	

Former Thornapple Valley Parking Property Adjoining Properties:

Direction	Address	Current Use / Occupant	<b>Potential Concerns</b>			
north	1580 Wilkins Street	vacant land / none apparent	none observed			
northeast	1850 Erskine Street	vacant land / none apparent	none observed			
east (north	2902 Orleans Street	light industrial building / unoccupied	none observed			
to south)	2814 Orleans Street	light industrial / Saad Wholesale Meats	none observed			
south	1535 Alfred Street	light industrial / Carlo Ciaramitaro	none observed			
west	2929 Riopelle Street	light industrial / LKL Packing	none observed			
(north to	2900 Riopelle Street	light industrial / Grillo Produce	none observed			
south)	2850 Riopelle Street	parking lot / none apparent	none observed			



Former Orleans/Division Industrial Properties Adjoining Properties:

Direction	Address	Current Use / Occupant	<b>Potential Concerns</b>
north	2900 Orleans Street	light industrial building / unoccupied	none observed
(west to east)	2902 Orleans Street	light industrial building / unoccupied	none observed
northeast	1940 Alfred Street	vacant / none apparent	none observed
aget (north	1923 Division Street	vacant land / none apparent	none observed
east (north to south)	1935 through 1939 Division Street	light industrial / KBD, Inc.	none observed
south	1824 Adelaide Street	light industrial / Royal Halal Meats	none observed
(west to east)	2520 Adelaide Street	light industrial / Grobbel's	none observed
southwest	2529 Orleans Street	light industrial / Metro Cold Storage	none observed
	2740 Orleans Street	light industrial building / unoccupied	none observed
west	2720 Orleans Street	light industrial / Saad Wholesale Meats	none observed
(north to south)	1816 Division Street	light industrial building / unoccupied	none observed
	1573 Adelaide Street	parking lot / none apparent	none observed
northwest	2814 Orleans Street	light industrial / Saad Wholesale Meats	none observed

Based on AKT Peerless' visual observations, the current uses of the adjoining properties do not appear to pose a direct environmental threat to the subject property. Additional information regarding the historical uses of the adjoining properties is provided in Section 4.5. Refer to Figure 4 for the locations of these adjoining properties with respect to the subject property.

## 4.0 RECORDS REVIEW

The objective of the records review is to evaluate reasonably ascertainable databases, historical records, and physical setting records to help identify RECs at the subject property and, to the extent identifiable, at surrounding properties.

#### 4.1 PHYSICAL SETTING SOURCES

AKT Peerless reviewed geological survey maps for geologic, hydrologic, and topographic conditions that may affect potential contaminant migration to the subject property.

## 4.1.1 Topography and Area Hydrogeology

According to the USGS' *Topographic Map of the Detroit, Michigan Quadrangle*, which was published in 1968, the subject property is situated at a range of approximately 624 to 625 feet above the National Geodetic Vertical Datum.

AKT Peerless did not obtain or review reports that document actual groundwater conditions on the subject property. Therefore, AKT Peerless was unable to (1) identify the depth to shallow groundwater beneath the subject property, or (2) determine the groundwater flow direction beneath the subject property.



Typically, the water table aquifer flows toward a major drainage feature or in the same direction as the drainage basin. The Detroit River, which flows to the southwest, is located approximately 1.25-mile southeast of the subject property from its most southern point. Therefore, AKT Peerless infers that groundwater beneath the subject property flows to the south-southeast toward the Detroit River.

AKT Peerless' research did not identify known groundwater recharge areas on or near the subject property, or groundwater supply or monitor wells on the subject property. Groundwater from the area of the subject property does not serve as the primary drinking water source for properties in Detroit, which obtains its municipal water from the Detroit Water and Sewerage Department (DWSD). Public sources of information do not identify main aquifers below the subject property.

## 4.1.2 **Area Geology and Soil**

According to the MDNRE Geological Survey Division's *Bedrock Geology of Southern Michigan* (1987), bedrock beneath the subject property is in the Dundee Limestone of an unassigned group, which is included in the Erian series within the Devonian System of the Paleozoic Era.

According to the MDNRE Geological Survey Division's publication, *Quaternary Geology of Southern Michigan* (1982), soil in the area is lacustrine clay and silt. This soil is described as gray to dark reddish brown and is varved in some localities. The soil chiefly underlies extensive, flat, low-lying areas formerly inundated by glacial Great Lakes. Soil thickness ranges from 10 to 30 feet. Typically, lacustrine clay and silt is associated with low hydraulic permeability and restricts the movement of groundwater.

According to the USDA's *Soil Survey of Wayne County Area, Michigan* (1977), soil at the subject property is classified as belonging to the Pewamo-Blount-Metamora association, which is described as nearly level to gently sloping, very poorly drained to somewhat poorly drained soil that has fine textured to moderately coarse textured subsoil.

AKT Peerless did not obtain other information about the subject property's soil during this Phase I ESA.

#### 4.2 STANDARD ENVIRONMENTAL RECORD SOURCES

AKT Peerless retained EDR to provide current environmental database information compiled by a variety of federal and state regulatory agencies. The purpose of obtaining this data was to evaluate potential environmental risks associated with the subject property, adjoining sites, and other sites that are (1) identified on target lists, and (2) within varying distances of up to one mile from the subject property. AKT Peerless reviewed the following federal and state databases for such listings within the indicated search radii.



Туре	Type Regulatory Agency Database		
Federal	National Priority List (NPL)	1 mile	
Federal	De-listed National Priority List (DNPL)	½ mile	
Federal	Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)	½ mile	
Federal	CERCLIS No Further Remediation Action Planned (NFRAP) Site List	½ mile	
Federal	Resource Conservation and Recovery Act (RCRA) Corrective Action Report (CORRACTS) Facilities List	1 mile	
Federal RCRA non-CORRACTS Treatment, Storage or Disposal (TSD) Facilities List		½ mile	
Federal	Federal RCRA Generators List		
Federal	Institutional Control / Engineering Control Registries*	subject property	
Federal	Environmental Response and Notification System (ERNS)	subject property	
State & Tribal	Hazardous Waste Sites (HWS) (equivalents to NPL and CERCLIS)	1 mile	
State & Tribal	Solid Waste Facilities/Landfill Sites (SWLF)	½ mile	
State & Tribal	Historical Landfill Site (HIST LF)	½ mile	
State & Tribal	Leaking Underground Storage Tank (LUST) List	½ mile	
State & Tribal			
State & Tribal	State & Tribal Institutional Control / Engineering Control Registries*		
State & Tribal	Brownfield Sites	½ mile	
State	Baseline Environmental Assessment (BEA) Sites	½ mile	
Either	Unmappable Database Listings (a.k.a. Orphan Sites)	database-dependent	

<sup>\*</sup> Neither the US EPA nor Michigan Tribal Governments nor the State of Michigan maintains registries of sites with Institutional Controls / Engineering Controls in the subject property area.

## **4.2.1** Subject Property and Occupant Listings

The EDR report (Appendix D) does not identify the subject property or its known occupants on the referenced databases, except for the following:

- Thornapple Valley, Inc., at 2900-02 Orleans Street, was identified on the federal Facility Index System/Facility Registry System (FINDS) and RCRA Conditionally Exempt Small Quantity Generator (RCRA-CESQG) databases. The FINDS database tracks activities of facilities that generate, transport, store, or dispose of hazardous waste, and does not necessarily indicate violations by these facilities. The RCRA-CESQG database includes facilities that generates (or has generated) less than 100 kilograms of hazardous waste per calendar month. According to the EDR report, the facility has not reported TSD activities and has no RCRA violations.
- Thorn Apple Valley Orleans, at 2900 Orleans Street, was identified on the FINDS, Comprehensive Environmental Response, Compensation, and Liability Information System



(CERCLIS), and the Integrated Compliance Information System (ICIS) databases. The CERCLIS database includes sites that are either on the National Priority List (NPL) or being considered for it. According to the EDR Report, this property has been assigned the Non NPL Status of "Removal Only Site (No Site Assessment Work Needed)". The property is described as "Possible Brownfield Opportunity. MDEQ reported ammonia tanks, PCBs, fuel oil, and abandoned drums in the facility. Company bankrupt." The ICIS database is a national database that, when complete, will contain Enforcement and Compliance information for most of the independent databases regulated by the Environmental Protection Agency (EPA). The appearance of the subject property on the ICIS database indicates that civil actions were taken against the facility. Refer to the EDR Report for specific details regarding this site.

- Orleans, 2900 (Former Thornapple Valley), at 2900 Orleans, was identified on the BROWNFIELDS database. The Brownfield status of this property is not reported.
- C&P Garage, at 1572 Wilkins Street, was identified on the EDR Historical Auto Stations database. According to the EDR report, C&P Garage operated on this property as an automobile garage in 1926 and 1940, and as an automobile repair shop in 1964. In addition, Calcaterri Chas was located on this property as an automobile garage in 1931 and as an automobile repair shop in 1935.

## 4.2.2 Adjoining and Nearby Sites

AKT Peerless' review of the referenced databases (including those on the orphan list) also considered the potential or likelihood of contamination from adjoining and nearby sites. To evaluate which of the adjoining and nearby sites identified in the EDR report present an environmental risk to the subject property, AKT Peerless considered the following criteria:

- the type of database on which the site is identified.
- the topographic position of the identified site relative to the subject property.
- the direction and distance of the identified site from the subject property.
- local soil conditions in the subject property area.
- the known or inferred groundwater flow direction in the subject property area.
- the status of the respective regulatory agency-required investigations of the identified site, if any.
- surface and subsurface obstructions and diversions (e.g., buildings, roads, sewer systems, utility service lines, rivers, lakes, and ditches) located between the identified site and the subject property.

Only those sites that are judged to present a potential environmental risk to the subject property are further evaluated by reviewing MDNRE file information. Using the referenced criteria, and based upon a review of readily available information contained within the EDR report, AKT Peerless did not identify adjoining (i.e., bordering) or nearby sites (e.g., properties within a ¼-mile radius) listed in the EDR report that were judged to present a potential environmental risk to the subject property, except for the following:



Database				
Database(s):	BEA	Distance:	adjoining to Parcel 2	
Name:	Detroit Edison Public School Academy	Direction:	northeast	
Address:	1903 Wilkins Street	<b>Elevation:</b>	626 feet	
Section Reference(s):	Not applicable	Inferred Groundwater Flow Direction:	south- southeast	

Detroit Edison Public School Academy is identified on the Baseline Environmental Assessment (BEA) database. A BEA (Number 1888) was submitted by Produce Palace Properties, LLC on December 12, 2002. A determination was not requested. A second BEA (Number 2693) was submitted by Detroit Edison Public School Academy on February 28, 2005. This BEA was affirmed by the MDEQ. The presence of this site on the above-referenced database does not represent a REC to the subject property.

	Database				
Database(s):	BEA	Distance:	adjoining to Parcel 2		
Name:	Unnamed	Direction:	northeast		
Address:	1903 Wilkins, 1995 Wilkins, 3007-3031 St.	Elevation:	626 feet		
Section Reference(s):	Not applicable	Inferred Groundwater Flow Direction:	south- southeast		

An unnamed entity is identified on the BEA database. A BEA (Number 2167) was submitted by 1903 Wilkins, LLC on October 16, 2003. A determination was not requested. The presence of this site on the above-referenced database does not represent a REC to the subject property.

Database				
Database(s):	BEA	Distance:	adjoining to Parcels 2 and 4	
Name:	Detroit Market Garden	Direction:	north- northeast	
Address:	1850 Erskine	Elevation:	624 feet	
Section Reference(s):	Not applicable	Inferred Groundwater Flow Direction:	south- southeast	

Detroit Market Garden is identified on the BEA database. A BEA (Number 4477) was submitted by The Greening of Detroit on June 28, 2010. A determination was not requested. The presence of this site on the above-referenced database does not represent a REC to the subject property.



Database				
Database(s):	UST, LUST	Distance:	adjoining to Parcel 8	
Name:	Jemmica Inc.	Direction:	southeast	
Address:	1911 Gratiot Ave.	Elevation:	619 feet	
Section Reference(s):	Not applicable	Inferred Groundwater Flow Direction:	south- southeast	

Jemmica Inc. is identified on the Underground Storage Tank (UST) and Leaking Underground Storage Tank (LUST) databases. Jemmica Inc. is the owner of one 3,000-gallon gasoline UST that was removed in December 1992, and one 1,000-gallon gasoline UST that was removed in July 1994. The installation dates are not provided in the EDR Report. Refer to the EDR Report for specific details regarding these USTs. A release (C-2267-92) was confirmed on December 18, 1992. The investigation associated with this release is "open". In AKT Peerless' opinion, this adjoining property does not appear to present a significant environmental concern to the subject property. AKT Peerless' opinion is based on (1) clay soil in the area would likely restrict the movement of contamination, (2) inferred groundwater flow is south-southeast (away from the subject property), and (3) the property is separated by a railroad easement that includes utility corridors.

Database				
Database(s):	FINDS, RCRA-NonGen, UST, LUST	Distance:	adjoining to Parcel 3	
Name:	City of Detroit Water & Sewerage Department	Direction:	north	
Address:	1555 Erskine	Elevation:	624 feet	
Section Reference(s):	Not applicable	Inferred Groundwater Flow Direction:	south- southeast	

City of Detroit Water & Sewerage Department is identified on the FINDS and RCRA NonGenerators (RCRA-NonGen) databases. The RCRA-NonGen database includes facilities that do not presently generate hazardous waste at the site. The facility was classified as a Small Quantity Generator (RCRA-SQG) on April 4, 1994. The City of Detroit Water & Sewerage Department has not reported hazardous waste treatment, storage, or disposal (TSD) activities and has no reported RCRA violations.

City of Detroit Water & Sewerage Department is identified as the owner two 10,000-gallon gasoline USTs, one 2,500-gallon diesel UST, one 500-gallon kerosene UST, two 20,000-gallon heating fuel oil USTs, and one 250-gallon used oil UST. These USTs were installed between 1965 and 1978 and were removed between 1991 and 2008. Refer to the EDR Report for specific details regarding these USTs. A release (C-2181-90) was confirmed on October 25, 1990. The investigation associated with this release was closed on June 14, 1993. The identification of the subject property on the above-referenced databases does not represent a REC to the subject property.



Database				
Database(s):	HIST LF	Distance:	approx. 270 feet from Parcels 3 and 4	
Name:	Central Incinerator	Direction:	north	
Address:	3101 Orleans St.	Elevation:	625 feet	
Section Reference(s):	Not applicable	Inferred Groundwater Flow Direction:	south- southeast	

Central Incinerator is identified on the Historical Landfill (HIST LF) database. According to the EDR Report, this facility's current status is "inactive". No additional information is provided in the EDR Report. The identification of the subject property on the above-referenced databases does not represent a REC to the subject property.

Refer to Section 4.5 for additional information regarding the historical uses of the adjoining properties. Refer to Section 7.1 for a description of the RECs presented to the subject property by these properties.

#### 4.3 ENVIRONMENTAL RECORD SOURCES

## 4.3.1 MDEQ Resource Management Division (RMD) Records

## Subject Property

AKT Peerless contacted the MDEQ RMD to review available records regarding waste management activities, permits, inspections, violations, and registered USTs associated with the subject property. The MDEQ RMD does not maintain files associated with the subject property.

AKT Peerless also conducted a review of the MDEQ Waste Data System (WDS) website for records associated with the subject property. The WDS tracks activities at facilities regulated by the Solid Waste, Scrap Tire, Hazardous Waste (HW), and Liquid Industrial Waste (LIW) programs.

According to the WDS, Thorn Apple Valley Mich Meats (2900-02 Orleans), was classified as a RCRA-CESQG on July 20, 1995. The WDS does not maintain any additional files for this address.

## 4.3.2 MDEQ Remediation Division (RD) Records

AKT Peerless reviewed the RD's Perfected Lien List dated November 1, 2011 to determine if environmental cleanup liens had been filed against the subject property. According to the Perfected Lien List, the MDEQ does not have record of environmental cleanup liens filed against the subject property or adjoining properties.

AKT Peerless contacted the MDEQ RD Southeast Michigan District Office to review available records regarding environmental information or leaking USTs associated with the subject



property. The MDEQ RD does not maintain files associated with the subject property.

#### 4.4 ADDITIONAL ENVIRONMENTAL RECORD SOURCES

## 4.4.1 Local Health Department

AKT Peerless contacted the Wayne County Health Department and the Detroit Health Department to inquire about file information pertaining to environmental concerns associated with the subject property. A response received from the Wayne County Health Department indicated that no records exist. As of the date of this report, a response has not been received from the Detroit Health Department. If a response is received that changes the conclusions of this assessment, an addendum will be forwarded.

## 4.4.2 <u>Local Fire Department</u>

AKT Peerless contacted the City of Detroit Fire Department to request a review of available fire department records for the subject property. AKT Peerless requested records associated with the current subject property address, as well as the identified historical subject property addresses. The City of Detroit Fire Department does not maintain records for the subject property.

## 4.4.3 Water and Sewage Utility Provider

According to maps provided by the DWSD, water and sewer services have been provided to the area of the subject property since 1889; however, the initial connection dates were not determined.

AKT Peerless' review of readily available standard and other historical sources provided only limited information regarding water, storm water, and sanitary sewer utilities associated with the subject property since development in the 1800s. This gap in historical information is considered *data failure* as provided in Section 7.3.2.3 of the ASTM Standard Practice For ESAs (E 1527).

## 4.4.4 Natural Gas Provider

DTE Energy currently provides natural gas service to the vicinity of the subject property. Natural gas service has been provided to the area of the subject property since at least 1947; however, the initial connection date was not determined. According to available records, Parcel 7 formerly used stove heat and Parcel 8 formerly used steam and fuel oil as heating fuel sources. According to City of Detroit Oil & Gas card files, Parcel 8 utilized one 1,500-gallon heating oil UST in June 1927. AKT Peerless did not identify any additional information regarding this UST.

AKT Peerless' review of readily available standard and other historical sources provided only limited information regarding heating fuel sources associated with the former structures present on the subject property from development in the 1800s until natural gas services were provided in at least 1973. These former structures may have used an alternative fuel source (e.g., coal, wood, electricity, propane, steam, heating oil, etc.) for heat. This gap in historical information is



considered *data failure* as provided in Section 7.3.2.3 of the ASTM Standard Practice For ESAs (E 1527).

## 4.4.5 Previous Environmental Reports

AKT Peerless was not provided with copies of previous environmental investigations that included the subject property, except for the following draft report:

 <u>Draft Phase I ESA</u> (text only), dated May 2009 by The Traverse Group on behalf of the City of Detroit.

The Traverse Group prepared a draft Phase I ESA in May 2009. This report was not finalized. The following RECs were identified by The Traverse Group:

#### On-Site RECS

## Former Thornapple Valley Property

- The FirstSearch<sup>™</sup> report lists the Thorn Apple Valley-Orleans site as a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) site. CERCLIS sites are confirmed and potential hazardous waste sites which the EPA Superfund program has some involvement. This database includes sites that are on the National Priority List (NPL) as well as sites that are in the screening phase for possible inclusion on the NPL. The Thorn Apple Valley-Orleans site is the portion of the subject property described as the Former Thornapple Valley Property. The listing of the subject property as a CERCLIS site is a REC.
- The FirstSearch<sup>™</sup> report lists the Thorn Apple Valley Inc. site as an ERNS site. A spill of approximately 500 gallons of transformer oil occurred on the subject property on July 2, 1991. The spill is reportedly a result of vandalism. The material flowed into a sump area. A contractor vacuumed the material and then used sorbent pads to address the spill. The listing of this site as an ERN site is a REC.
- The online MDEQ Brownfields-Underground Storage Tank (UST) database lists the Former Thornapple Valley Property as a Brownfield site. This listing suggests a release has occurred on the site. The listing of the property within the MDEQ-Brownfields-UST database is a REC.
- Thornapple Valley and Crown Packing operated as slaughterhouses on the subject property
  from the 1930's to the mid 1990's. Hazardous materials such as sanitizers, caustics and soaps
  are utilized in slaughterhouse operations, therefore these former slaughterhouse operations
  are considered RECs.
- Staining of the subject building wall and soils directly adjacent to the building wall along the southeastern side of the Former Thornapple Valley building was observed at the time of the site reconnaissance. According to fire department records, a spill of Polychlorinated Biphenyls (PCB's) occurred at 2902 Orleans Street on August 8, 2008. Apparently, a spill of PCB containing material leaked from a large vat located within the building. The material migrated from the building to the adjoining railroad right-of-way to the east. The spill traveled for approximately ¼ mile along the former railroad right-of-way. Information



obtained from the Environmental Protection Agency (EPA) website states that emergency response activities regarding this PCB release included excavation and stockpiling of heavily saturated soils, the use of absorbent rolls/booms to soak and block pools of oil, and the installation of Polysheeting to prevent direct contact and rain infiltration. Information obtained from the EPA website indicated that the PCB tank has been drained, and that the stockpiled soils resulting from the initial response activities have been removed from the site. Cleanup of the site and corresponding closure of the release was completed and verified by EPA on October 26, 2009

- EPA records list that ammonia tanks, fuel oil and abandoned drums were reported as located within the facility in August of 2008. The listing of these abandoned containers is also a REC.
- A carpet manufacturer (Allen Industries) formerly operated on the portion of the property described as the Former Thornapple Valley Property. This operation suggests the use of certain hazardous materials such as isocyanates and isoprene.
- TTG reviewed the records on file at the Detroit Fire Department (DFD) dated 1984 which indicated that 4,000 to 20,000 lb tanks utilized for the storage of ammonia were located in the basement of the Former Thornapple Valley building. The disposition of these tanks is unknown, therefore, this constitutes a REC for this site. Limited lighting and building security issues limited the visual inspection of the interior of the structures on site.
- A large Above Ground Storage Tank (AST) was observed in the basement area of the building. Visual observations of this tank were limited due to poor lighting and building security issues. Flash photographs were taken of the tank. Computer enhancements of the photographs revealed that this tank was constructed of steel stored off of the basement's concrete floor on a metal rack. No records were found during TTG's governmental or historical record searches that revealed the use, size, contents, or origin of this tank. This AST is a REC.
- Pits were observed on the northwest side of the property. A slaughter house once operated on this portion of the property and it is possible that these pits are related to the waste water discharge from the food processing operations. These pit areas were observed near the truck dock area on the northwest side of the former Thornapple Valley Property building. At the time of the site reconnaissance, these pits were filled with water and debris. These pits are a REC.
- Due to security and lighting issues, the interior of the subject buildings was limited. Further, the inaccessible areas of the subject buildings represent RECs for the subject property.
- Sanborn® Maps reviewed dated 1897, 1921 and 1950 depict some of the detached garages associated with the residential structures located on the Former Thornapple Valley Property portion of the subject property as housing a fuel source. This suggests the potential that fuel oil USTs and/or ASTs once existed on the property. The potential of former heating oil tanks on the property is a REC.

#### Former Thornapple Valley Parking Property

• Sanborn maps and city directories reviewed list C&P Garage as operating on the property from the 1930's through the 1960's. C&P Garage is listed as both a private storage garage as well as an auto repair facility. The listing of C&P Garage on the property is a REC.



• Sanborn® Maps reviewed dated 1897, 1921 and 1950 depict some of the detached garages associated with the residential structures located on the Former Thornapple Valley Parking Property portion of the subject property as housing a fuel source. This suggests the potential that fuel oil USTs and/or ASTs once existed on the property. The potential of former heating oil tanks on the property is a REC.

## Former Orleans/Division Industrial Properties

- Sanborn maps dated 1897 and 1921 depict coal storage yards on the portion of the property described as the Former Orleans/Division Industrial Properties. Coal storage operations on the subject property represent RECs.
- Sanborn maps and city directories reviewed list industrial facilities operating on the property from the 1920's to the early 2000's. These companies are listed as, but not limited to the following: Edgar's Sugar House, Armour and Co (wholesale meats), Alan Packing (meat packing), McMahon's Wholesale Meats, Lambskin Co. (tannery), Barry and Son's Two (Slaughterhouse). These former industrial operations represent RECs.
- According to DFD records dated 1987, two 15,000 gallon USTs utilized to store machine oil occupied the portion of the property possessing the common address of 1837 Adelaide Street. This portion of the subject property is located on the north side of Adelaide Street, east of Orleans Street. The listing of these USTs is a REC.
- Due to security and lighting issues, the interior of the subject buildings was limited. Further, the inaccessible areas of the subject buildings represent RECs for the subject property.
- Sanborn<sup>®</sup> Maps reviewed dated 1897 and 1921 depict some of the detached garages associated with the residential structures located on the Former Orleans/Division Industrial Properties portion of the subject property as housing a fuel source. This suggests the potential that fuel oil USTs and/or ASTs once existed on the property. The potential of former heating oil tanks on the property is a REC.

## Off-site RECs

- According to the FirstSearch<sup>™</sup> report, a spill of oil from a portable transformer occurred on the property located to the north of the Former Orleans/Division Industrial Properties and to the east of the Former Thornapple Valley Property. This spill, which is listed as resulting from equipment failure, occurred at the Detroit Edison Property (1955 Alfred Street). Due to the close proximity of this site in relation to the subject property, and due to the lack of documentation detailing cleanup activities, the listing of this site as an ERNS site is considered a REC.
- A meat rendering plant existed to the south of the portion of the subject property defined as the Former Thornapple Valley Parking Property in the Sanborn® maps dated 1988 and 1991. Heavy metals and pesticides are typical contaminates common to rendering plants. Due to the close proximity of this site to the Former Thornapple Valley Parking property, this site is considered a REC.
- Each of the Sanborn® maps reviewed depict a railroad right-of-way traversing along the eastern boundaries of the Former Thornapple Valley and the Orleans/Division Industrial Property (western property boundary for the area located on the east side of Dequindre Street



between Alfred Street and Division Street). The presence of railroad tracks on the adjacent property is a REC.

- Sanborn<sup>®</sup> Maps reviewed dated 1897, 1921 and 1950 depict some of the detached garages associated with the residential structures on properties adjacent to the subject property as housing a fuel source. This suggests the potential that fuel oil USTs and/or ASTs once existed on these properties. The potential of former heating oil tanks on adjoining properties is a REC.
- A dye house, that was most likely part of the carpet pad manufacturing process that formerly operated within the Former Thornapple Valley building, was located adjacent to the southwest side of the Former Thornapple Valley Property. Dyes and pigments may contain metals and PCBs. Therefore, this former dye house is considered a REC.

A copy of this previous report draft text is included in Appendix F.

#### 4.5 HISTORICAL USE INFORMATION

The objective of reviewing historical sources is to (1) develop a history of previous uses or specific occupancies of the subject property, (2) identify those uses or specific occupancies that are likely to have led to potential environmental concerns at the subject property, and to the extent identifiable, at adjoining properties, and (3) identify obvious uses of the subject property from the present, back to the property's *obvious* first developed use, or back to 1940, whichever is earlier.

## **Historical Summary – Subject Property**

The general development and use of the subject property is summarized below, as identified by AKT Peerless.

#### Former Thornapple Valley Property

## Parcels 1 and 2

Parcels 1 and 2 were improved with residential structures prior to 1884. In approximately 1918, the structures on the southeastern portion of Parcel 2 were razed and a waste paper warehouse was constructed. This facility was occupied by A. Simon & Co. By 1921, a junk yard was located on the northeastern portion of this parcel. In 1937, the structures associated with the junk yard were razed and a factory building was constructed, which included transformer and boiler room. At this time, the facility was occupied by Allen Industries, Inc., which specialized in carpet pad manufacturing, until the mid-1950s when it was vacated. The northwestern portion of Parcel 2 was used for parking, and by the mid-1950s, the remaining residential structures on the northwestern portion of Parcel 2 had been demolished. Several additions occurred between 1930 and 1972, including a garage and cooler. During the late-1950s, this facility was converted to a slaughtering/packing operation. Notable features on this property include one 12,600-gallon oil tank, one 150,000-lb. tank, one 40,000-gallon tank on a reinforced concrete base, one 30,000-gallon tank, and references to chemical tanks and lard tanks. The contents of these tanks, with the exception of the oil and lard tanks, were not reported.



Other notable features include a basement (portions only), boilers, ammonia compressors, diesel motors, and six "levelators". In addition, two dust collectors and two ASTs and/or water towers were situated on the rooftops of the buildings. Parcel 1 was improved with a building, including a dye house, associated with the structures on Parcel 2 during this time. Parcel 1 was also identified as the owner of 10 chlorine cylinders. According to the Detroit Finance Department – Assessments Division, a mill structure was located on Parcel 1 until 1959, when a permit was filed to alter the property to a slaughterhouse. This former mill facility reportedly maintained two high pressure boilers with a 30M-gallon tank. This facility on these parcels has been unoccupied since the late-1980s. Currently, Parcels 1 and 2 consist of an unoccupied light industrial building. Identified previous occupants of Parcel 1 include residential tenants, David Barrel & Cooperage Co., Crown Packing Co., Northland Industries, Michigan Meat Processor, Thorn Apple Valley, and ABI of Michigan. Identified previous occupants of Parcel 2 include residential tenants, Knack Julius Coal Company, A. Simon & Co., Inc., Pettway Mack Auto Wash, and Allen Industries, Inc.

## Former Thornapple Valley Parking Property

#### Parcel 3

Parcel 3 was improved with residential and commercial (i.e., stores) structures prior to 1884. Between 1897 and 1921, a large rectangular garage, identified as a private auto house, was constructed on the northeastern portion of this parcel. The garage did not utilize heat. In 1926, this property was C&P Garage, and operated as an automobile repair garage through at least 1964. By the early 1960s or early-1970s, all structures on Parcel 3 were demolished. This parcel has been unoccupied since that time. Currently, Parcel 3 consists of unimproved land, with the exception of a parking lot on some areas. Identified previous occupants include residential tenants, C&P Garage, and Calcaterri Chas (garage; 1931 through 1935).

#### Parcel 4

Parcel 4 was improved with portions of residential and commercial (i.e., stores) structures prior to 1884. During the late-1960s or early-1970s, these structures were demolished and the parcel was used for parking. This parcel has been unoccupied since that time. Currently, Parcel 4 consists of unimproved land. Identified previous occupants include residential tenants.

## Parcel 5

Parcel 5 was improved with portions of residential structures prior to 1884. During the mid-1950s, these structures were demolished and the parcel was used for parking. This parcel has been unoccupied since that time. Currently, Parcel 5 consists of unimproved land. Identified previous occupants include residential tenants.

# Former Orleans/Division Industrial Properties

#### Parcel 6

The western portion of this parcel was improved with residential structures, and the eastern portion was improved with coal and wood sheds prior to 1884. Between 1897 and 1921, a light industrial building was constructed and was occupied by Armour Company East Side Branch Wholesale Meats. This facility maintained a heating plant, auto and loading room, and coolers



through at least 1977. By 1988, the parcel was occupied by Lamb Skin Co. At this time, it appears the southern portion of the building was demolished, including the auto and loading room. During the mid-1990s, the parcel was vacated. Currently, Parcel 6 consists of an unoccupied light industrial building. Identified previous occupants include Kraft John Coal Co., Inc., Armour Company East Side Branch Wholesale Meats, and Lambskin Corp.

#### Parcel 7

This parcel was improved with residential and commercial (i.e., stores) structures prior to 1884. During the 1930s or 1940s, the structures were demolished and the parcel was used for wholesale meats, butter and eggs, and stores, until approximately 1997, when the structures were razed. Currently, Parcel 7 consists of unimproved land, with the exception of a parking lot on some areas. Identified previous occupants of this property include Kowalt Market Company, Allen Packing, E.J. Farrell, Ed Barnes, Motor City and McMann, and Grobbel's Corned Beef.

#### Parcel 8

This parcel was improved with residential structures and a stave (i.e., wood) shop, occupied by R.G. Gardner Cooper Shop, prior to 1884. The stave shop was located on the northeastern portion of the property. By 1897, these structures were used by Julius Knack Coal & Wood Yard, which contained coal and wood sheds. A concrete elevator was constructed by 1921. This facility utilized the eastern portion of Parcel 8, while residential dwellings remained on the western portion until the 1930s, when H.W. Rickel Co. occupied the parcel. Notable features of this malt mill included grain elevators, constructed in 1939 and 1949 along the eastern border of the parcel, malt bins. Reportedly, a transformer house with three transformers, oil-fired ovens, four kiln furnaces (converted to gas and oil), a scale house, tunnel, three oil tanks, an elevator, and oil pump were located on this property; however, the time period could not be determined. The malt mill vacated the parcel during the early 1990s and the structures were demolished by the mid-1990s. Currently, Parcel 8 consists of unimproved land with the exception of a parking lot on some areas. Identified previous occupants include Julius Knack Coal & Wood Yard, Knack Coal Company, and H.W. Rickel Co.

## **Historical Summary – Adjoining Properties**

The general development and uses of the adjoining properties is summarized below, as identified by AKT Peerless. The previous residential occupants were not identified. Refer to Figure 4 for locations of the adjoining properties with respect to the subject property parcels.

## **Former Thornapple Valley Property**

#### North

The northern adjoining property of the Former Thornapple Valley Property, at 1850 Erskine Street, was improved with residential structures on the southern portion prior to 1884. It should be noted that the fire insurance maps provided by EDR do not include coverage of the northern portion of this site. By 1889, a reservoir was located on the northern portion of this property. Between 1897 and 1921, the reservoir was classified as the "old reservoir site". At this time, the Department of Public Works (DPW) occupied the southern portion. The DPW maintained a tool and stock building, a "tarp'r" shop, and a wagon shed. In addition, railroad sidings were



established on the northern, western, and eastern portions of the property. By 1950, the DPW had constructed a cement storage building on the eastern portion of the property, which contained an oil room on the northeastern portion of the site. During the early-1950s, a building designated for the storage of tar was constructed on the southeastern portion and an electrical building was constructed on the south-central portion. A stone crusher was located on the central portion of the site in 1957. In the late-1970s or early-1980s, all structures were demolished. This property has remained unimproved land since that time. Identified previous occupants of the northern adjoining property include Department of Public Works, Detroit Water Works, and City of Detroit Water Supply.

## Northeast

The northeastern adjoining property, at 1903 Wilkins Street, beyond the railroad easement, was improved with residential structures prior to 1884. Between 1921 and 1950, many of the structures were demolished and railroad sidings were constructed throughout most of the site. A pipe tunnel was established at this time. During the 1960s or early-1970s, a junk yard and building designated for iron were constructed north of the sidings. By 1986, the railroad sidings had been removed and a warehouse building was constructed. In approximately 1998, the site was occupied by Detroit Edison Public School Academy. Identified previous occupants include residential tenants.

### East

The eastern adjoining properties, beyond the railroad easement, include 1900 Wilkins Street, and 1955 and 1940 Alfred Street. The eastern adjoining properties were improved with residential structures prior to 1884. By 1921, the western portion of the property located at 1955 Alfred Street, was used for storing scrap iron, and remaining portions of these sites consisted of residential and commercial structures. In 1938, all structures were demolished and the site was used as a food processing factory. The property at 1900 Wilkins Street currently consists of an unoccupied light industrial building. Identified previous occupants include Champion Beverage Co., Schmidt Brewing Co., Royal Snack Foods, Manischewitz Products, and Marine Foods, Inc. The property at 1955 Alfred Street currently consists of the Detroit Edison Electrical Substation. The property at 1940 Alfred Street currently consists of unimproved land. No previous occupants were identified for these sites.

## Southeast

The southeastern adjoining property, at 1923 Division Street, was improved with residential and/or commercial structures prior to 1884. By 1921, the structures located on the western portion of the property had been demolished, and sugar and flour warehouses were constructed. By the late-1960s or early-1970s, this site was used for food processing. Currently the southeastern adjoining property consists of unoccupied land. Identified previous occupants include Edgars Sugar House, Inc., and King Frost Foods, Inc.

#### South

The southern adjoining property, at 1825 Division Street, is Parcel 6 of the subject property. Refer to the Thorn Apple Valley Property section above for a detailed description.



## West

The western adjoining properties include 2901 Orleans Street, 1600 Wilkins Street, 1576 Brewster Street (Parcels 4, 3, and 5, respectively, of the subject property), and 2814 Orleans Street. Refer to the Thorn Apple Valley Property section above for a detailed description of Parcels 3, 4, and 5. The property located at 2814 Orleans Street was improved with residential structures prior to 1884. A large "private garage" was constructed on the property in the early-1950s. The remaining structures were converted to restaurants and wholesale meat facilities. Between 1977 and 1988, some of these structures were demolished and those areas utilized for parking. Currently this western adjoining property is occupied by Saad Wholesale Meats. Identified previous occupants include Regent Packing, Ace Provision Co., Silver Spoon Tavern, Harris Meats, Cattleman's Meat Market, and Empire Packing Co.

## Northwest

The northwestern adjoining property, at 1580 Wilkins Street, beyond Wilkins Street, was improved with residential structures on the southern portion prior to 1884. It should be noted that the fire insurance maps provided by EDR do not include coverage of the northern portion of this site. By 1889, a reservoir was located on the northern portion of this property. Between 1897 and 1921, the reservoir was classified as the "old reservoir site". At this time, railroad sidings were established through the northern portion of the property. By 1950, the DPW Sanitation Division occupied this site. Notable features of this facility include office buildings, garbage dumping and unloading areas, an incinerator plant, and a garage. This site was vacated in the late-1970s or early-1980s. Currently the northwestern adjoining property consists of unimproved land. Identified previous occupants include the Detroit Public Works and Detroit City Engineering Department.

## Former Thorn Apple Valley Parking Property

#### North

The northern adjoining property of the Former Thorn Apple Valley Parking Property is 1580 Wilkins Street, beyond Wilkins Street. This property is the northwestern adjoining property of the Former Thorn Apple Valley Property. Refer to this section above for a detailed description of this site.

#### Northeast

The northeastern adjoining property of the Former Thorn Apple Valley Parking Property is 1850 Erskine Street, beyond Wilkins Street. This property is the northern adjoining property of the Former Thorn Apple Valley Property. Refer to this section above for a detailed description of this site.

#### East

The eastern adjoining properties include 2902 Orleans Street (Parcel 2 of the subject property) and 2814 Orleans Street (western adjoining property to the Former Thorn Apple Valley Property). Refer to these sections above for a detailed historical description of these properties.



## South

The southern adjoining property, at 1535 Alfred Street, was improved with residential structures prior to 1884. By 1950, the structures on the western portion of this site were demolished and a paper warehouse was constructed. During the late-1950s and early 1960s, this structure was converted to a wholesale meats operation and associated structures were constructed. The southern adjoining parcel is currently occupied by Carlo Ciaramitaro. Identified previous occupants include Motor City Packing Co., United Food Products, Morris L Stanny Co., and Eastern Market Beef.

## West

The western adjoining properties include 2929, 2900, and 2850 Riopelle Street. These properties consisted of unimproved land and residential structures prior to 1884. In the early-1950s, the structures at 2850 Riopelle Street were demolished and this property was used for parking. By the mid to late-1970s, the remaining residential structures of these western adjoining properties were demolished. In 1975, light industrial buildings were constructed on the properties located at 2929 and 2900 Riopelle Street. Currently, the western adjoining properties are occupied by LKL Packing (2929) and Grillo Produce (2900). The property at 2850 Riopelle Street consists of a parking lot. The only identified previous occupants of these properties include Farm Market Wholesale.

## Former Orleans/Division Industrial Properties

## <u>North</u>

The northern adjoining properties of the Former Orleans/Division Industrial Properties include 2900 and 2902 Orleans Street (Parcels 1 and 2, respectively) of the subject property. Refer to the Former Thorn Apple Valley Property section above for a detailed historical description of these parcels.

#### Northeast

The northeastern adjoining property, at 1940 Alfred Street, is the eastern adjoining property to the Former Thorn Apple Valley Property. Refer to this section above for a detailed description of this property.

#### East

The eastern adjoining properties, beyond the railroad easement, include 1923 Division Street and 1935 through 1939 Adelaide Street. The property located at 1923 Division Street is the southeastern adjoining property of the Thorn Apple Valley Property. Refer to this section above for a detailed description. The property located at 1935 through 1939 Adelaide Street was improved with commercial and/or light industrial structures prior to 1937. It should be noted that fire insurance maps for this property were not provided by EDR. Currently this eastern adjoining property is occupied by KBD, Inc. Identified previous occupants of this property include Detroit Milling Co., Detroit Malt & Grain Co., and Loose-Wiles Biscuit Co.



#### South

The southern adjoining properties, beyond Adelaide Street, include 1824 and 2520 Adelaide Street. These properties were improved with residential structures prior to 1884. Between 1884 and 1897, light industrial buildings, associated with a beer brewery, were constructed on the eastern portion of 2520 Adelaide Street. In 1897, the facility was destroyed by a fire; however, by 1921 the facility was back in operation. An elevator was located in the facility at this time. Currently, this property is occupied by Grobbel's. Identified previous occupants include H.W. Rickel & Co. and E.W. Grobbel & Sons. By 1897, commercial and/or light industrial buildings were constructed on portions of the property at 1824 Adelaide Street. These buildings were used for bottling offices and storage. By the mid-1950s, these buildings were converted to meat packing operations. Currently, this property is occupied by Royal Halal Meats. Identified previous occupants include Eckhardt & Becker Brewery, Detroit Beverage Co., Detroit Brewing Co., and Rath Packing Co.

#### **Southwest**

The southwestern adjoining property, at 2529 Orleans Street, beyond Orleans and Adelaide Streets, was improved with a beer brewery prior to 1884. Portions of the site contained a basement. Notable features of this facility included ice houses, a wash house, a granary, and kilns. In addition, the facility used coal and coke for fuel in 1884. Between 1921 and 1950, the facility added beer cellars, a boiler room, storage, and a cooling tower. The fuel source at this time is unknown. By 1950, the site was vacated. During the early-1950s, this site was converted to a cold storage facility. Currently, the southwestern adjoining property is occupied by Metro Cold Storage. Identified previous occupants include Detroit Beverage Co., Detroit Brewing Co. and Merchants Cold Storage Co.

#### West

The western adjoining properties include 2740 and 2720 Orleans Street, 1816 Division Street, and 1573 Adelaide Street. These properties were improved with residential structures prior to 1884. By 1950, the residential structures had been demolished, and commercial (i.e., stores), and light industrial (i.e., poultry and wholesale meats) facilities were constructed. The property at 1573 Adelaide Street was designated for automobile parking, which it continues to be at this time. Currently, the western adjoining property at 2720 Orleans is occupied by Saad Wholesale Meats. The properties at 2740 Orleans Street and 1816 Division Street are unoccupied light industrial buildings. Identified previous occupants of the western adjoining properties include Mann AC & Co Quality Packing Co., Woodward Packing Co., Styke Wholesale Beef, Huber Provision, Strauss Bros., Great Western Prov. Co., Family Packing Co., and Hillsdale Packing Co.

## **Northwest**

The northwestern adjoining property, at 2814 Orleans Street, is the western adjoining property to the Former Thornapple Valley Property. Refer to this section above for a detailed description of this property.



## 4.5.1 Aerial Photographs

AKT Peerless obtained aerial photographs for the subject property from EDR, dated 1937, 1949, 1957, 1961, 1972, 1985, 1993, 1999, 2000, and 2005. Parcels 3, 4, 5, and the western portion of Parcel 2 consisted of residential and/or commercial structures from at least 1937 through the late-1960s or early-1970s. Following demolition of the structures, these parcels did not appear to have a significant or obvious purpose, except for apparent use for parking by nearby properties. In general, the remaining subject property parcels have been improved with light industrial buildings since at least 1937, with the exception of the light industrial structures on Parcels 7 and 8, which were demolished in the mid-1990s. AKT Peerless' review of the subject property parcels on the aerial photographs did not reveal obvious RECs associated with the subject property, except for light industrial uses on Parcels 1, 2, 6, 7, and 8. Photocopies of the aerial photographs are presented as Appendix E.

AKT Peerless' review of historical aerial photographs of the adjoining properties did not reveal obvious RECs associated with the subject property, except for the light industrial uses of (1) the northern adjoining property to Parcels 3 and 4, (2) the adjoining properties located east of Dequindre Road since 1937, and (3) the western adjoining properties beginning in the 1950s. In addition, railroad sidings were located on the northeastern adjoining property to Parcel 2 from at least 1937, until the late-1980s or early-1990s, when they were removed and a building was constructed. Refer to Section 4.5 for a summary of the historical uses of the adjoining properties.

## 4.5.2 Fire Insurance Maps

AKT Peerless obtained fire insurance maps for the subject property from EDR, dated 1884, 1889, 1897, 1921, 1950, 1953, 1957, 1961, 1977, 1988, 1991, 1996, and 2002. It should be noted that the subject property is not depicted on the 1889 maps. Photocopies of the referenced maps are presented in Appendix F.

AKT Peerless' review of the subject property parcels on the Sanborn maps did not reveal obvious RECs associated with the subject property, except for the following:

- A stave shop on the northeastern portion of Parcel 8 on the 1884 map;
- A wood yard on the southeastern corner of Parcel 2 on the 1897 map;
- Wood and coal sheds on the eastern portion of Parcel 6 on the 1897 map;
- Wood and coal sheds on the eastern portion of Parcel 8 on the 1897 through 1921 maps; in addition, a coal elevator was located on the eastern portion of this parcel on the 1921 map;
- A junk yard on the northeastern portion of Parcel 2 on the 1921 map;
- A concrete elevator on the eastern portion of Parcel 8 on the 1921 maps, grain elevators on the 1950 through 1991 maps;
- A large garage that did not utilize heat on Parcel 3 on the 1921 map; the garage was identified as a repair garage on the 1950 through 1961 maps;



- Factory buildings on Parcels 1 and 2, which include transformer and boiler rooms and two rooftop dust collectors on the 1950 through 2002 maps; in addition a dye house was on Parcel 1 on the 1950 through 1957 maps;
- A heating plant, and auto and loading rooms on Parcel 6 on the 1950 through 1977 maps; the heating plant remains on the 1988 through 2002 maps; and
- Indication of fuel in some of the garages to the residential structures on the 1897 through 1950 maps.

AKT Peerless also reviewed the adjoining properties on the fire insurance maps. AKT Peerless' review of historical fire insurance maps of the adjoining properties did not reveal obvious RECs, except for the following:

- Railroad tracks from the Detroit Grand Haven & Milwaukee Railroad are located immediately east of Parcels 2, 6, and 8 on the 1921 through 2002 maps; in addition, two 7,000-gallon cisterns are located east of the subject property, one at the southeastern corner of Parcel 2, and one near the northeastern corner of Parcel 2 (east of the railroad tracks), on the 1884 map;
- A granary, wash house, and kilns at 2529 Orleans Street (southwestern adjoining property to Parcel 7) on the 1884 through 1897 maps; in addition, a reference that the facility uses coal and coke for fuel on the 1884 map;
- Railroad tracks and sidings are depicted on the properties at 1580 Wilkins Street and 1850
  Erskine Street on the 1921 through 1977 maps, and along the eastern borders of Parcels 2, 6,
  and 8 on the 1884 through 2002 maps;
- An elevator at Detroit Milling Co. at 1939 Adelaide Street (eastern adjoining property to Parcel 8) on the 1921 map;
- Incinerators and a garbage dump and unloading sites at the DPW Sanitation Division at 1580 Wilkins Street (north adjoining property to Parcels 3 and 4; northwestern adjoining property to Parcel 2) on the 1950 through 1961 maps;
- A building for the storage of tar and an electrical building at 1850 Erskine Street (northern adjoining property to Parcel 2; northeastern adjoining property to Parcel 4) on the 1953 through 1977 maps; in addition, a stone crusher on the 1957 map; and
- A Detroit Edison Substation at 1955 Division (eastern adjoining property to Parcel 2; northeastern adjoining property to Parcel 6; northeastern adjoining property to Parcel 8) on the 1988 through 2002 maps.

## 4.5.3 <u>City Directories</u>

City directories from various years between 1906 and 2011 were reviewed at Bresser's Information Service and the City of Detroit Public Library. The purpose of this review was to determine the past occupancy of the subject property. AKT Peerless reviewed the current subject property address, as well as the identified historical addresses associated with the subject property. The individual residential tenants of the subject property were not identified. AKT Peerless' review of the city directories did not reveal obvious RECs, except for the following:



#### Parcel 1

• David Barrel & Cooperage Co. at 1825 Alfred Street in the 1926 through 1931 directories.

#### Parcel 2

- Knack Julius Coal Company at 1837 Adelaide Street in the 1921 directory;
- Knack Julius Coal Company at 1827 Adelaide Street in the 1931 directory; and
- Pettway Mack Auto Wash at 1831 Adelaide Street in the 1936 directory.

#### Parcel 6

- Kraft John Coal Co., Inc. at 347-349 Division Street in the 1906 directory;
- Kraft John Coal Co., Inc. at 349 Division Street in the 1911 through 1916 directories; and
- Lambskin Corp. at 1830 Alfred Street in the 1986 through 1996 directories.

#### Parcel 8

• Knack Coal Co. at 346 Division Street in the 1916 directory.

AKT Peerless also reviewed city directories for select adjoining properties to determine their past occupancy, including the identified historical addresses. AKT Peerless' review of the referenced directories did not reveal obvious RECs. Refer to Section 4.5 for additional information regarding the historical uses of the adjoining properties.

## 4.5.4 Assessing Department Records

AKT Peerless reviewed tax assessment records on the subject property at the Detroit Finance Department – Assessments Division. AKT Peerless was not provided records for Parcels 3, 6, and 7.

#### Parcel 1

According to the file for Parcel 1, prior to 1958, this property was improved with a mill structure. A manufacturing and warehousing operation was located on this parcel, until 1955, when manufacturing operations ceased and the building was utilized for storage and experimentation. A reference in 1956 indicated that two high pressure boilers were now for heating purposes only. In 1959 a permit was filed to alter the property to a slaughterhouse. Notable features include a reference that a 30M-gallon tank was removed prior to its slaughterhouse operation.

The condition of the structure on this property was noted as very poor in December 1977. In addition, a report prepared in March 1995 by the City of Detroit Buildings and Safety Engineering Department (BSED) on behalf of the City Council indicated the structure is a dangerous building, and recommended its removal.

It should be noted that files for Parcel 1 also included building sketches and information pertaining to Parcel 2. This information is described below, under Parcel 2.



#### Parcel 2

According to the file for Parcel 2, this parcel was improved in 1918 with a structure for meat processing. Additions to this structure occurred in 1930, 1939, 1942, 2947, and 1972. The property included slaughtering/packing areas, cooling areas, and a garage. Notable features on this property include one 12,600-gallon oil tank, one 150,000-lb. tank, one 40,000-gallon tank on a reinforced concrete base, one 30,000-gallon tank, and references to chemical tanks and lard tanks. The contents of these tanks, with the exception of the oil and lard tanks, were not reported. Other notable features include a basement (portions only), boilers, ammonia compressors, diesel motors, roof tanks, and six "levelators". The fuel source for the boilers is unknown. In addition, the files include a reference to 250 feet of railroad sidings on the property.

Additional records, filed as Parcel 1 by the Detroit Finance Department – Assessments Division, pertain to Parcel 2. According to these records, all structures on this property utilized steam heat except for the garage, which was not heated. Based on this information, it appears that Parcels 1 and 2 were occupied as a single property with independent addresses.

#### Parcel 4

According to the file for Parcel 4, this parcel was to "be dedicated for the widening of Orleans." No other pertinent information was provided in the records.

#### Parcel 5

According to the file for Parcel 5, the parcel was vacant industrial land and did not contain any records.

#### Parcel 8

According to the file for Parcel 8, the structure formerly present on the parcel contained a transformer house with three transformers. Also, oil fired ovens were present in the basement and four kiln furnaces were converted to gas and oil. Other notable property features include a scale house, tunnel, three oil tanks, an elevator, and oil pump. It is unknown if the elevator was hydraulically operated. No other pertinent information was provided in the records.

## 4.5.5 **Building Department Records**

#### Building Permits

AKT Peerless reviewed available building permits for the subject property at the City Detroit Buildings Safety and Engineering Department (BSED). AKT Peerless' review of the building permits did not reveal environmental concerns associated with the subject property, except for the following:

- The structures formerly located on Parcel 6 contained hoists.
- The structures formerly located on Parcel 7 contained a basement and an elevator.



#### Oil and Gas Storage Cards

AKT Peerless reviewed available oil and gas storage cards for the subject property at the City of Detroit BSED. According to the records, Parcel 1 formerly maintained ten chlorine cylinders. In addition, Parcel 6 formerly maintained one 1,500-gallon UST outside the subject building. The record did not report the contents of the UST. AKT Peerless' review of the oil and gas storage cards did not reveal other information that represented an obvious environmental concern associated with the subject property.

## 5.0 <u>INTERVIEWS</u>

AKT Peerless provided questionnaires to the subject property owner and, as available, conducted interviews.

#### 5.1 INTERVIEW WITH SUBJECT PROPERTY OWNER

AKT Peerless contacted Mr. Min Yang, Environmental Specialist with the City of Detroit, regarding knowledge of the subject property and provided an owner questionnaire. No information was reported that would be considered material to identifying recognized environmental conditions in connection with the subject property, except as described in the previous environmental reports summarized in Section 4.4.5.

AKT Peerless was not provided with contact information for the owners of six subject property parcels (Parcels 1, 2, 3, 6, 7, and 8), which are not owned by the City of Detroit. In addition, access to these subject property parcels to conduct the reconnaissance was not provided.

## 5.2 INTERVIEW WITH KEY SITE MANAGER

Refer to Section 5.1 for information provided by the manager of the subject property.

#### 5.3 INTERVIEW WITH SUBJECT PROPERTY OCCUPANT

The subject property is unoccupied. Therefore, this subsection does not apply.

#### 5.4 INTERVIEWS WITH OTHERS

AKT Peerless was not provided with contact information for other knowledgeable individuals during this Phase I ESA.

## 6.0 SUBJECT PROPERTY RECONNAISSANCE

#### 6.1 METHODOLOGY AND LIMITING CONDITIONS

The subject property reconnaissance consisted of visual and physical observations of the subject property. AKT Peerless visually and/or physically observed the periphery of the subject property. In addition, AKT Peerless observed the subject property from adjacent public



thoroughfares. AKT Peerless viewed the subject property following a grid pattern designed to cover representative portions of the unimproved areas.

Ms. Julie Barton and Ms. Jennifer Panek of AKT Peerless conducted the subject property reconnaissance on February 3, 2012. Ms. Barton and Ms. Panek were unaccompanied during the reconnaissance. AKT Peerless encountered the following project specific facts or conditions that limited our ability to access the subject property:

• AKT Peerless was not provided with contact information for the owners of six subject property parcels (Parcels 1, 2, 3, 6, 7, and 8), which are not owned by the City of Detroit. In addition, access to these subject property parcels to conduct the reconnaissance was not provided. Therefore, these six parcels of the subject property were visually observed from adjoining streets and rights-of-way.

## 6.2 GENERAL SUBJECT PROPERTY SETTING AND OPERATIONS

The area of the subject property described as the Former Thornapple Valley Property consists of an industrial building, portions of which are collapsed, on Parcels 1 and 2. The remaining areas of the property consist of vacant land.

The area of the subject property described as the Former Thornapple Valley Parking Property (Parcels 3, 4, and 5) is currently vacant land. The southern portion of this property is a paved parking lot. The remaining areas of the property are covered with unmowed vegetation.

The area of the subject property described as the Former Orleans/Division Industrial Property consists of an industrial building, portions of which are collapsed, on Parcel 6. The remaining areas of the property consist of vacant land. Portions of this property are paved.

## 6.3 OBSERVATIONS

#### **6.3.1 Hazardous Substances and Petroleum Products**

AKT Peerless did not observe hazardous substances or petroleum products at the subject property.

## 6.3.2 <u>Hazardous and Non-Hazardous Waste</u>

AKT Peerless did not observe hazardous or non-hazardous waste at the subject property.

#### **6.3.3** Storage Tanks

AKT Peerless did not observe evidence of current or former UST systems (e.g., vent pipes, fill ports, dispensing pumps, patched pavement, etc.), except for suspicious pipes on the southern and southeastern portions of the building on Parcels 1 and 2. These pipes may be associated with former or current USTs on the subject property.

AKT Peerless did not observe evidence of current or former AST systems (e.g., stands,



secondary containments, etc.) at the subject property.

#### **6.3.4** <u>Unidentified Substances/Containers</u>

AKT Peerless did not observe evidence of unidentified substances or other suspect containers on the subject property.

#### **6.3.5** Potential PCB Containing Equipment

AKT Peerless inspected the subject property for the presence of liquid-cooled electrical units such as transformers and large capacitors. Such units are notable since they may be potential sources of PCBs (polychlorinated biphenyls). AKT Peerless did not observe suspect PCB-containing equipment at the subject property.

#### 6.3.6 Interior Staining / Corrosion

AKT Peerless was unable to evaluate interior portions of the subject property. Therefore, this subsection does not apply.

#### **6.3.7** Drains and Sumps

AKT Peerless was unable to evaluate interior portions of the subject property. Therefore, this subsection does not apply.

#### **6.3.8 Discharge Features**

Storm water that falls upon the subject property appears to percolate directly into the ground, evaporate, or runoff into offsite storm water catch basins.

#### 6.3.9 Pits, Ponds, and Lagoons

AKT Peerless did not observe evidence of pits, ponds, or lagoons, or evidence thereof, at the subject property.

#### **6.3.10** Solid Waste Dumping / Landfills

AKT Peerless did not observe evidence of solid waste dumping or landfills at the subject property.

#### 6.3.11 Stained Soil, Stressed Vegetation, Stressed/Stained Pavement

AKT Peerless did not observe any evidence of stained soil, stressed vegetation, stressed pavement, or stained pavement at the subject property.

#### **6.3.12** Well and Septic Systems

AKT Peerless did not observe physical evidence or indication of wells or septic systems at the subject property.



#### **6.3.13 Other Observations**

AKT Peerless did not observe evidence of other potential environmental concerns at the subject property.

#### 6.4 NON-ASTM SCOPE CONSIDERATIONS

AKT Peerless did not evaluate any other potential environmental conditions (i.e., further areas of possible business/environmental concern and/or liability) that are outside the scope of ASTM Standard Practice E 1527-05. Examples of such potential environmental conditions that were beyond the scope of this Phase I ESA include cultural and historic resources, ecological resources, endangered species, health and safety, high-voltage power lines, indoor air quality, industrial hygiene, lead-based paints (LBPs), asbestos-containing materials (ACMs), lead in drinking water, moisture intrusion/suspect mold growth, noise pollution, radon, regulatory compliance/non-compliance and/or wetlands.

AKT Peerless advises users of this document who wish to obtain an evaluation of the subject property relative to any of the aforementioned non-ASTM issues to engage the services of a qualified environmental professional.

#### 7.0 CONCLUSIONS AND RECOMMENDATIONS

#### 7.1 RECOGNIZED ENVIRONMENTAL CONDITIONS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527 of eight (8) parcels in the area bound by Wilkins, Dequindre, Adelaide, and Riopelle Streets in Detroit, Wayne County, Michigan, the *subject property*. Any exceptions to, or deletions from, this practice are described in Section 8 and Appendix A of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property, except for the following:

#### Parcels 1 and 2

• As discussed throughout this report, this parcel was improved with residential structures prior to 1884. During the late-1950s, Parcel 1 was improved with a building, including a dye house, associated with the structures on Parcel 2. This site was also identified as the owner of 10 chlorine cylinders. According to the Detroit Finance Department – Assessments Division, a mill structure was located on Parcel 1 until 1959, when a permit was filed to alter the property to a slaughterhouse. Thornapple Valley and Crown Packing operated as slaughterhouses on the subject property from the 1930s to the mid-1990s. Hazardous materials such as sanitizers, caustics and soaps are utilized in slaughterhouse operations. This facility on this parcel has been unoccupied since the late-1980s. Currently, this site consists of an unoccupied, partially collapsed light industrial building associated with Parcels 1 and 2. Identified previous occupants include residential tenants, David Barrel &



- Cooperage Co., Crown Packing Co., Northland Industries, Michigan Meat Processor, Thorn Apple Valley, and ABI of Michigan.
- A spill of approximately 500 gallons of transformer oil occurred on the subject property on July 2, 1991. The spill was reportedly a result of vandalism. The transformer oil flowed into a sump area on the property. A contractor vacuumed the material and then used sorbent pads to address the spill. No other information regarding this incident was identified during this Phase I ESA.
- As discussed in Section 4.2.1, this parcel was identified on the CERCLIS and ICIS databases.
   According to the EDR Report, this property has been assigned the Non NPL Status of
   "Removal Only Site (No Site Assessment Work Needed). MDEQ reported ammonia tanks,
   PCBs, fuel oil, and abandoned drums in facility. Company bankrupt." The appearance of
   the subject property on the ICIS database indicates that civil actions had been taken against
   the facility. In addition, Parcel 1 is identified on the Brownfields database.
- Parcel 2 was improved with residential structures prior to 1884. In approximately 1918, the structures on the southeastern portion of Parcel 2 were razed and a waste paper warehouse was constructed. By 1921, a junk yard was located on the northeastern portion of this parcel. In 1937, the structures associated with the junk yard were razed and a factory building was constructed. At this time, the facility was occupied by Allen Industries, Inc., which specialized in carpet pad manufacturing, until the mid-1950s when it was vacated. The northwestern portion of Parcel 2 was used for parking, and by the mid-1950s, the remaining residential structures on the northwestern portion of Parcel 2 had been demolished. Several additions occurred between 1930 and 1972, including a garage and cooler. During the late-1950s, this facility was converted to a slaughtering/packing operation. Notable features on this property include one 12,600-gallon oil tank, one 150,000-lb. tank, one 40,000-gallon tank on a reinforced concrete base, one 30,000-gallon tank, and references to chemical tanks and lard tanks. The contents of these tanks, with the exception of the oil and lard tanks, were not reported. Other notable features include a basement (portions only), boilers, ammonia compressors, diesel motors, and six "levelators". In addition, two dust collectors and two ASTs and/or water towers were situated on the rooftops of the buildings. Currently, this site consists of an unoccupied light industrial building. Identified previous occupants include residential tenants, Knack Julius Coal Company, A. Simon & Co., Inc., Pettway Mack Auto Wash, and Allen Industries, Inc.
- Staining of the subject building wall and soils directly adjacent to the building wall along the southeastern side of the Former Thornapple Valley building was observed during a previous Phase I ESA. Pits were observed on the northwest side of the property. A slaughter house once operated on this portion of the property and it is possible that these pits are related to the waste water discharge from the food processing operations. These pit areas were observed near the truck dock area on the northwest side of the former Thornapple Valley Property building. At the time of the site reconnaissance, these pits were filled with water and debris.
- According to fire department records, a spill of polychlorinated biphenyls (PCBs) occurred at 2902 Orleans Street on August 8, 2008. Apparently, a spill of PCB containing material leaked from a large vat located within the building. The material migrated from the building to the adjoining railroad right-of-way to the east. The spill traveled for approximately ¼ mile along the former railroad right-of-way. Information obtained from the Environmental



Protection Agency (EPA) website states that emergency response activities regarding this PCB release included excavation and stockpiling of heavily saturated soils, the use of absorbent rolls/booms to soak and block pools of oil, and the installation of polysheeting to prevent direct contact and rain infiltration. Information obtained from the EPA website indicated that the PCB tank was drained, and that the stockpiled soils resulting from the initial response activities were removed from the property. Cleanup of the site and corresponding closure of the release was completed and verified by EPA on October 26, 2009.

- As discussed in Section 6.3.3, AKT Peerless observed suspicious pipes on the southern and southeastern portions of the building on Parcel 2. It is AKT Peerless' opinion that these pipes may be associated with former or current USTs on the subject property.
- Sanborn maps dated 1897, 1921 and 1950 depict some of the detached garages associated with the residential structures located on the Former Thornapple Valley Property portion of the subject property as housing a fuel source. This suggests the potential that fuel oil USTs and/or ASTs once existed on the property.
- According to DFD records dated 1987, two 15,000 gallon USTs utilized to store machine oil
  occupied the portion of the property possessing the common address of 1837 Adelaide Street
  (currently Parcel 1 or 2). No additional information regarding this UST was identified during
  this Phase I ESA.

It is AKT Peerless' opinion a potential exists for adverse impact to the subject property's soil and/or groundwater to have occurred from the historical uses of this parcel. Furthermore, the potential exists for abandoned USTs to be present on Parcels 1 and 2.

#### Parcel 3

- As discussed throughout this report, this parcel was improved with residential and commercial (i.e., stores) structures prior to 1884. Between 1897 and 1921, a large rectangular garage, identified as a private auto house, was constructed on the northeastern portion of this parcel. In 1926, this property was C&P Garage, and operated as an automobile repair garage through at least 1964. By the early 1960s or early-1970s, all structures on Parcel 3 were demolished. This parcel has been unoccupied since that time. Currently, Parcel 3 consists of unimproved land, with the exception of a parking lot on some areas. Identified previous occupants include residential tenants, C&P Garage, and Calcaterri Chas (garage; 1931 through 1935).
- Sanborn maps dated 1897, 1921 and 1950 depict some of the detached garages associated with the residential structures located on the Former Thornapple Valley Parking Property portion of the subject property as housing a fuel source. This suggests the potential that fuel oil USTs and/or ASTs once existed on the property.

It is AKT Peerless' opinion a potential exists for adverse impact to the subject property's soil and/or groundwater to have occurred from the historical uses of this parcel.

#### Parcel 6



- As discussed throughout this report, the eastern portion of this parcel was improved with coal and wood sheds prior to 1884. Between 1897 and 1921, a light industrial building was constructed and was occupied by Armour Company East Side Branch Wholesale Meats. This facility maintained a heating plant, auto and loading room, and coolers through at least 1977. By 1988, the site was occupied by Lamb Skin Co. At this time, it appears the southern portion of the building was demolished, including the auto and loading room. During the mid-1990s, the property was vacated. Currently, Parcel 6 consists of an unoccupied light industrial building. Identified previous occupants include Kraft John Coal Co., Inc., Armour Company East Side Branch Wholesale Meats, and Lambskin Corp.
- BSED records indicate that Parcel 6 formerly maintained one 1,500-gallon UST outside the subject building.
- Sanborn maps dated 1897 and 1921 depict some of the detached garages associated with the residential structures located on the Former Orleans/Division Industrial Properties portion of the subject property as housing a fuel source. This suggests the potential that fuel oil USTs and/or ASTs once existed on the property.

It is AKT Peerless' opinion a potential exists for adverse impact to the subject property's soil and/or groundwater to have occurred from the historical uses of this parcel. Furthermore, the potential exists for an abandoned UST to be present on Parcel 6.

#### Parcel 8

- As discussed throughout this report, this parcel was improved with residential structures and a stave (i.e., wood) shop, occupied by R.G. Gardner Cooper Shop, prior to 1884. The stave shop was located on the northeastern portion of the property. By 1897, these structures were used by Julius Knack Coal & Wood Yard, which contained coal and wood sheds. A concrete elevator was constructed by 1921. This facility utilized the eastern portion of Parcel 8, while residential dwellings remained on the western portion until the 1930s, when H.W. Rickel Co. occupied the site. Notable features of this malt mill included grain elevators, constructed in 1939 and 1949 along the eastern border of the parcel, cooling tower, a wash rack and shop, and grain storage structures. Reportedly, a transformer house with three transformers, oil fired ovens, four kiln furnaces (converted to gas and oil), a scale house, tunnel, three oil tanks, an elevator, and oil pump were located on this property; however, the time period could not be determined. The malt mill vacated the site during the early 1990s and the structures were demolished by the mid-1990s. Currently, Parcel 8 consists of unimproved land, with the exception of a parking lot on some areas Identified previous occupants include Julius Knack Coal & Wood Yard, Knack Coal Company, and H.W. Rickel Co.
- Parcel 8 formerly used steam and fuel oil as heating fuel sources. According to City of Detroit Oil & Gas card files, Parcel 8 utilized one 1,500-gallon heating oil UST in June 1927. In addition, assessing file information indicates oil-fired ovens, "oil tanks", and oil pump were present on this property. AKT Peerless did not identify any additional information regarding these tanks.



• Sanborn maps dated 1897 and 1921 depict some of the detached garages associated with the residential structures located on the Former Orleans/Division Industrial Properties portion of the subject property as housing a fuel source. This suggests the potential that fuel oil USTs and/or ASTs once existed on the property.

It is AKT Peerless' opinion a potential exists for adverse impact to the subject property's soil and/or groundwater to have occurred from the historical uses of this parcel. Furthermore, the potential exists for an abandoned UST to be present on Parcel 8.

#### **Multiple Parcels**

• Commercial structures formerly present on Parcels 7 and 8 contained basements. AKT Peerless was unable to determine the origin of the material used to backfill the basements after demolition of structures on Parcels 7 and 8.

#### **Adjoining Properties**

- As discussed throughout this report, the property located at **1850 Erskine Street** has been improved with a reservoir on the northern portion of the property since at least 1889. Between 1897 and 1921, the reservoir was classified as the "old reservoir site". At this time, the Department of Public Works (DPW) occupied the southern portion. The DPW maintained a tool and stock building, a "tarp'r" shop, and a wagon shed. In addition, railroad sidings were established on the northern, western, and eastern portions of the property. By 1950, the DPW had constructed a cement storage building on the eastern portion of the property, which contained an oil room on the northeastern portion of the site. During the early-1950s, a building designated for the storage of tar was constructed on the southeastern portion and an electrical building was constructed on the south-central portion. A stone crusher was located on the central portion of the site in 1957. In the late-1970s or early-1980s, all structures were demolished. This property has remained unimproved land since that time. Identified previous occupants of this property include Department of Public Works, Detroit Water Works, and City of Detroit Water Supply. In addition, this site is identified on the BEA database. A BEA (Number 4477) was submitted by The Greening of Detroit on June 28, 2010. It is AKT Peerless' opinion a potential exists for adverse impact to the subject property's soil and/or groundwater to have occurred from the historical uses of this adjoining property.
- As discussed throughout this report, the property located at 1580 Wilkins Street was improved with residential structures on the southern portion prior to 1884. By 1889, a reservoir was located on the northern portion of this property. Between 1897 and 1921, the reservoir was classified as the "old reservoir site". At this time, railroad sidings were established through the central portion of the property. By 1950, the DPW Sanitation Division occupied this site. Notable features of this facility include office buildings, garbage dumping and unloading areas, an incinerator plant, and a garage. This site was vacated in the late-1970s or early-1980s. Currently this site consists of unimproved land. Identified



previous occupants include Detroit Public Works and Detroit City Engineering Department. In addition, this site is identified on the UST and LUST databases. The City of Detroit Water & Sewerage Department is identified as the owner two, 10,000-gallon gasoline USTs, one, 2,500-gallon diesel UST, one 500-gallon kerosene UST, two, 20,000-gallon heating fuel oil USTs, and one 250-gallon used oil UST. These USTs were installed between 1965 and 1978 and were removed between 1991 and 2008. A release (C-2181-90) was confirmed on October 25, 1990. The investigation associated with this release was closed on June 14, 1993. It is AKT Peerless' opinion a potential exists for adverse impact to the subject property's soil and/or groundwater to have occurred from the historical uses of this adjoining property.

- As discussed throughout this report, the property located at 1903 Wilkins Street was improved with residential structures prior to 1884. Between 1921 and 1950, many of the structures were demolished and railroad sidings were constructed throughout most of the site. A pipe tunnel was established at this time. During the 1960s or early-1970s, a junk yard and building designated for iron were constructed north of the sidings. By 1986, the railroad sidings had been removed and a warehouse building was constructed. Potential concerns typically associated with railroad ROWs include the use of fill materials as ballast to support the ties and rails of the railroad ROWs and leaks or spills of hazardous materials or petroleum products. It is AKT Peerless' opinion a potential exists for adverse impact to the subject property's soil and/or groundwater to have occurred from the historical uses of this property.
- As discussed throughout this report, the property located at 1955 Alfred Street was improved with residential structures prior to 1884. By 1921, the western portion of the property was used for storing scrap iron. In 1938, all structures were demolished and the site was used as a food processing factory. The property currently consists of the Detroit Edison Electrical Substation. This property is listed in the ERNS database due to a spill of oil from equipment failure associated with a portable transformer occurred at this property. It is AKT Peerless' opinion a potential exists for adverse impact to the subject property's soil and/or groundwater to have occurred from the historical uses of this property.
- As discussed throughout this report, the property located at 2814 Orleans Street was improved with residential structures prior to 1884. A large "private garage" was constructed on the property in the early-1950s. The remaining structures were converted to restaurants and wholesale meat facilities. Between 1977 and 1988, some of these structures were demolished and those areas utilized for parking. Currently this property is occupied by Saad Wholesale Meats. Identified previous occupants include Regent Packing, Ace Provision Co., Silver Spoon Tavern, Harris Meats, Cattleman's Meat Market, and Empire Packing Co. It is AKT Peerless' opinion a potential exists for adverse impact to the subject property's soil and/or groundwater to have occurred from the historical uses of this property.
- As discussed throughout this report, the property located at **1935 through 1939 Adelaide Street** was improved with commercial and/or light industrial structures prior to 1937.
  Currently this site is occupied by KBD, Inc. Identified previous occupants of this property include Detroit Milling Co., Detroit Malt & Grain Co., and Loose-Wiles Biscuit Co. It is AKT Peerless' opinion a potential exists for adverse impact to the subject property's soil and/or groundwater to have occurred from the historical uses of this property.



- As discussed throughout this report, the property located at **2529 Orleans Street** was improved with a beer brewery prior to 1884. Portions of the site contained a basement. Notable features of this facility included ice houses, a wash house, a granary, and kilns. In addition, the facility used coal and coke for fuel in 1884. Between 1921 and 1950, the facility added beer cellars, a boiler room, storage, and a cooling tower. The fuel source at this time is unknown. By 1950, the site was vacated. During the early-1950s, this site was converted to a cold storage facility. Currently, this property is occupied by Metro Cold Storage. Identified previous occupants include Detroit Beverage Co., Detroit Brewing Co. and Merchants Cold Storage Co. It is AKT Peerless' opinion a potential exists for adverse impact to the subject property's soil and/or groundwater to have occurred from the historical uses of this property.
- A railroad right-of-way extends along the eastern boundaries of Parcels 2, 6, and 8. The presence of railroad tracks on the adjacent property is a REC.

Because RECs were identified during the performance of the Phase I ESA, further investigation and/or assessment is warranted in order to determine the nature, extent, magnitude, and materiality of the RECs associated with the subject property.

#### 7.2 HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS

AKT Peerless did not identify HRECs in connection with the subject property.

#### 7.3 AREAS OF POTENTIAL CONCERN AND SIGNIFICANT DATA GAPS

AKT Peerless did not identify potential environmental concerns during the course of this ESA, except for the following:

- AKT Peerless' review of readily available standard and other historical sources provided only limited information regarding water, storm water, and sanitary sewer utilities associated with the subject property since development in the 1800s. This gap in historical information is considered *data failure* as provided in Section 7.3.2.3 of the ASTM Standard Practice For ESAs (E 1527).
- AKT Peerless' review of readily available standard and other historical sources provided only limited information regarding heating fuel sources associated with the former structures present on the subject property from development in the 1800s until natural gas services were provided in at least 1973. These former structures may have used an alternative fuel source (e.g., coal, wood, electricity, propane, steam, heating oil, etc.) for heat. This gap in historical information is considered *data failure* as provided in Section 7.3.2.3 of the ASTM Standard Practice For ESAs (E 1527).
- Due to a data failure, AKT Peerless was unable to determine if the residential structures formerly present on the subject property contained basements, except as indicated in this report. Fill material used in former basements may present stability issues during construction, and should be properly characterized prior to disposal.



AKT Peerless did not encounter other instances of significant data gaps during the course of this ESA.

### 8.0 <u>DEVIATIONS</u>

AKT Peerless did not deviate from ASTM Standard Practice E 1527-05 when performing this Phase I ESA (i.e., no components of that practice were deleted, and no additions to it were made).



#### 9.0 <u>SIGNATURES OF ENVIRONMENTAL PROFESSIONALS</u>

I declare that, to the best of my knowledge and professional belief, I meet the definition of environmental professional as defined in ASTM E-1527-05 and §312.10 of 40 CFR 312 or conducted this inquiry under the supervision or responsible charge of, an environmental professional. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in ASTM E-1527-05 and 40 CFR Part 312.

Timothy J. McGahey, CHMM, LEED-AP

**Director of Detroit Operations** 

**AKT PEERLESS ENVIRONMENTAL & ENERGY SERVICES** 

phone: 248-615-1333 fax: 248-615-1334

email: mcgaheyt@aktpeerless.com

The following other environmental consultants contributed to the preparation of this Phase I ESA:

Jennifer Panek

**Environmental Consultant** 

AKT PEERLESS ENVIRONMENTAL AND ENERGY SERVICES

Farmington, Michigan Office



**QUALIFICATIONS** 





#### PROFESSIONAL PROFILE

### TIMOTHY J. MCGAHEY, CHMM, LEED-AP

**Director of Detroit Operations Environmental Compliance and Assessment Services** 

#### **EDUCATION**

Bachelor of Science: Environmental Science, 1998 Aquinas College, Michigan

#### **PROFESSIONAL EXPERIENCE**

Senior Environmental Consultant
AKT Peerless Environmental Services

#### **AREA OF EXPERTISE**

- (1) Brownfield Redevelopment
- (2) Management of federal environmental grant programs
- (3) Coordination and technical oversight of environmental assessments
- (4) Preparation of cost estimates and proposals
- (5) Liaison with regulatory agencies
- (6) Conducting Phase I environmental site assessments (ESAs)
- (7) Conducting environmental compliance audits
- (8) Hazardous chemical inventory reporting
- (9) Field management and activities coordination
- (10) Asbestos building inspections

Mr. McGahey has over ten years experience in environmental assessments, Brownfield redevelopment, project management, federal and state environmental grant program implementation, management and implementation of brownfield financial incentives, environmental response activities, corrective action and regulatory compliance management. Mr. McGahey has managed hundreds of investigations at commercial and industrial properties to evaluate the presence and extent of environmental impact. Information obtained during these investigations is typically used to evaluate environmental risk and determine appropriate response activities necessary to allow for the intended use of a property in a manner that protects public health and safety.

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#### **SUMMARY OF SELECTED PROJECTS**

- (1) Acted as senior project manager and technical advisor for several communities with U.S. EPA Brownfield assessment grants. The primary objective of each Brownfield grant was to perform Brownfield inventories, conduct Phase I and Phase II environmental site assessments (ESAs), baseline environmental site assessments (BEAs) and EPA quality assurance project plans (QAPPS). Responsibilities also included: acting as a liaison between Brownfield communities, U.S. EPA project managers, and stake holders, project budget tracking, quarterly reporting and participation in environmental subcommittees.
- (2) Performed Phase I ESAs (including project management, site reconnaissance, regulatory and historical records investigations, and report completion) for financial institutions, manufacturing facilities, real estate developers, property managers, and insurance companies. Properties included industrial, commercial, and residential sites. Properties assessed were located in Michigan, Ohio, Indiana, Virginia, Arizona, Texas, Oklahoma, Tennessee, and Nebraska.
- (3) Conducted environmental compliance audit for plastics forming facility. Audit focused on determining the facility degree of compliance with applicable federal, state and local environmental regulations and recommending actions to achieve compliance.
- (4) Supervised LUST closure activities for multiple sites in southeast Michigan, completing MDEQ required investigation, reports, corrective actions, and closures.
- (5) Performed Environmental Transaction Screen Assessments (including project management, field activity, site reconnaissance, regulatory historical records investigations, and report completion) for financial institutions.
- (6) Prepared annual Toxic Chemical Release Inventory (Form R) and Hazardous Chemical Inventory (Tier II) reports for industrial facilities.
- (7) Prepared quarterly Wastewater Discharge Permits for plastics forming facility.
- (8) Prepared Storm Water Pollution Prevention Plans for various manufacturing facilities.
- (9) Conducted hazardous materials surveys for operating and abandoned industrial facilities.
- (10) Supervised drilling and mobile lab operations. Activities included: selecting boring locations, collecting soil samples, field screening soil samples, installing monitoring wells, and selecting samples for laboratory analysis.
- (11) Supported U. S. EPA in a critical removal action for an abandoned industrial facility in Hamtramck, Michigan.
- (12) Conducted vertical profiling and discrete sampling of groundwater at specific depths to determine the vertical extent of contamination. Conducted delineation procedures to determine the exact location and extent of soil contamination.
- (13) Conducted geophysical surveys using an EM-61MK2 metal detector, and prepared scaled, contoured site maps depicting anomalous areas.
- (14) Conducted long term monitoring including well development and well sampling procedures.
- (15) Provided technical expertise and project management support for the Downriver Area Brownfield Consortium (DABC) USEPA Brownfield Assessment Grants and Detroit/Wayne County Port Authority (DWCPA) Brownfield Assessment Grants. These grants are designed to empower communities in the economic redevelopment of Brownfield sites. Duties include management,

#### **SUMMARY OF SELECTED PROJECTS (continued)**

- oversight, property assessments; participation in monthly meetings; developing USEPA Work Plans, preparing quarterly reports, and communication with USEPA.
- (16) Conducted and managed due-diligence investigations for large-scale (more than 40 properties) portfolio property purchases.

#### **REGISTRATIONS AND CERTIFICATIONS**

Certified Hazardous Materials Manager (CHMM) by the Academy of Certified Hazardous Materials Managers (Certificate No. 010213)

Leadership in Energy and Environmental Design (LEED) Accredited Professional

Certified Environmental Site Assessor of Canada (first US Resident awarded certification)

Health and Safety Training for Hazardous Waste Sites (OSHA-mandated 40-hour training)

OSHA 8-Hour refresher courses

Michigan Department of Environmental Quality Certified Storm Water Operator (Industrial)

OSHA Confined Space Entrant and Attendant Course

Completed AHERA Asbestos Building Inspector Course

Cardiopulmonary Resuscitation (CPR) and Standard First Aid Training Certification

#### **PROFESSIONAL AFFILIATIONS**

#### Member

Academy of Certified Hazardous Materials Managers, Michigan Chapter

#### Member

Associated Environmental Site Assessors of Canada



**Professional Environmental Services** 

PROFESSIONAL PROFILE

### JENNIFER PANEK

**Environmental Consultant Environmental Compliance and Assessment Services** 

#### **EDUCATION**

Master of Science: Life Sciences (Ecology), 2006 Indiana State University, Terre Haute, Indiana

**Bachelor of Arts: Environmental Studies, 2001**University of Michigan – Dearborn, Dearborn, Michigan

#### PROFESSIONAL EXPERIENCE

Environmental Consultant

**AKT Peerless Environmental Services** 

Project Scientist Huff & Huff, Inc.

#### **AREA OF EXPERTISE**

- (1) Conducting wetland delineations
- (2) Assessing soil characteristics

#### **CERTIFICATIONS AND SPECIALIZED TRAINING**

Certified Storm Water Operator Training, 2011

Environmental Due Diligence – Principles and Practice, 2011

OSHA 29 CFR 1910.120 - 40-Hour Hazardous Waste Operations Training, 2011

40-Hour Basic Wetland Delineation Training, 2008

#### **PUBLICATIONS/PRESENTATIONS**

#### **Book Chapter**

Panek, Jennifer, David Dolan, and John Hartig. 2003. Detroit's Role in Reversing Cultural Eutrophication of Lake Erie. Pp. 79-90. In: *Honoring Our Detroit River: Caring for Our Home.* Ed. John Hartig. Bloomfield Hills, MI: Cranbrook Institute of Science.

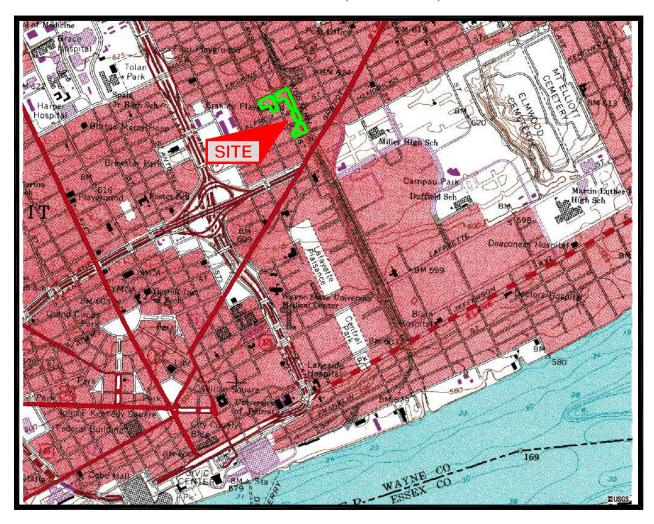


**FIGURES** 

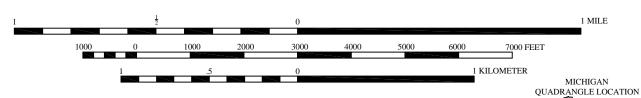


#### DETROIT QUADRANGLE

MICHIGAN - WAYNE COUNTY
7.5 MINUTE SERIES (TOPOGRAPHIC)



T.2 S. - R.12 E.



CONTOUR INTERVAL 5 FEET DATUM IS MEAN SEA LEVEL

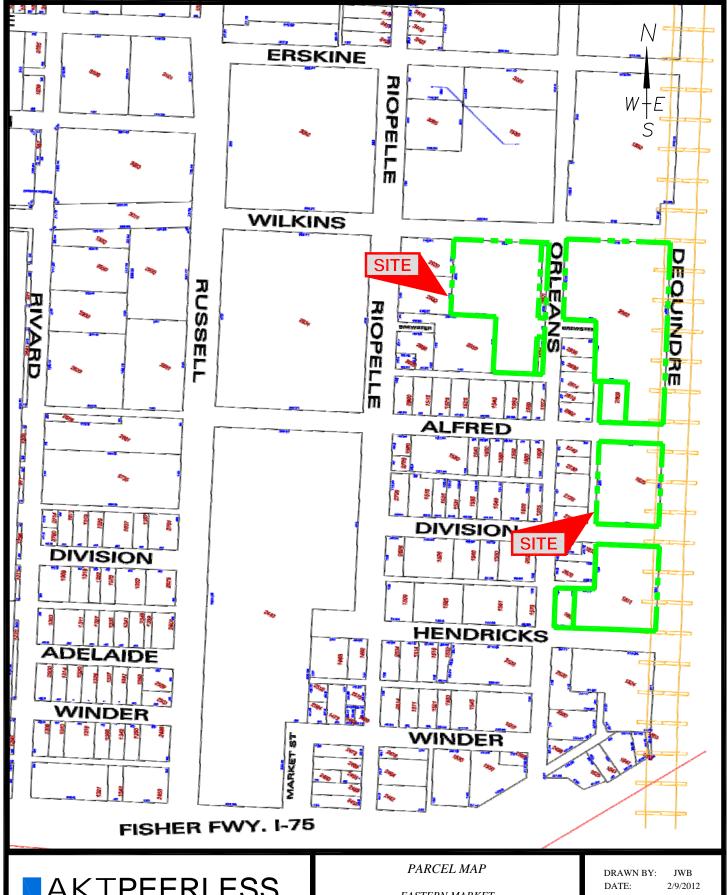
IMAGE TAKEN FROM 1968 U.S.G.S. TOPOGRAPHIC MAP PHOTOREVISED 1973



#### TOPOGRAPHIC LOCATION MAP

EASTERN MARKET 8 PARCELS BOUND BY WILKINS, DEQUINDRE, ADELAIDE, AND RIOPELLE STREETS DETROIT, MICHIGAN PROJECT NUMBER: 7443F-1-17 DRAWN BY: JWB DATE: 2/8/2012

FIGURE 2



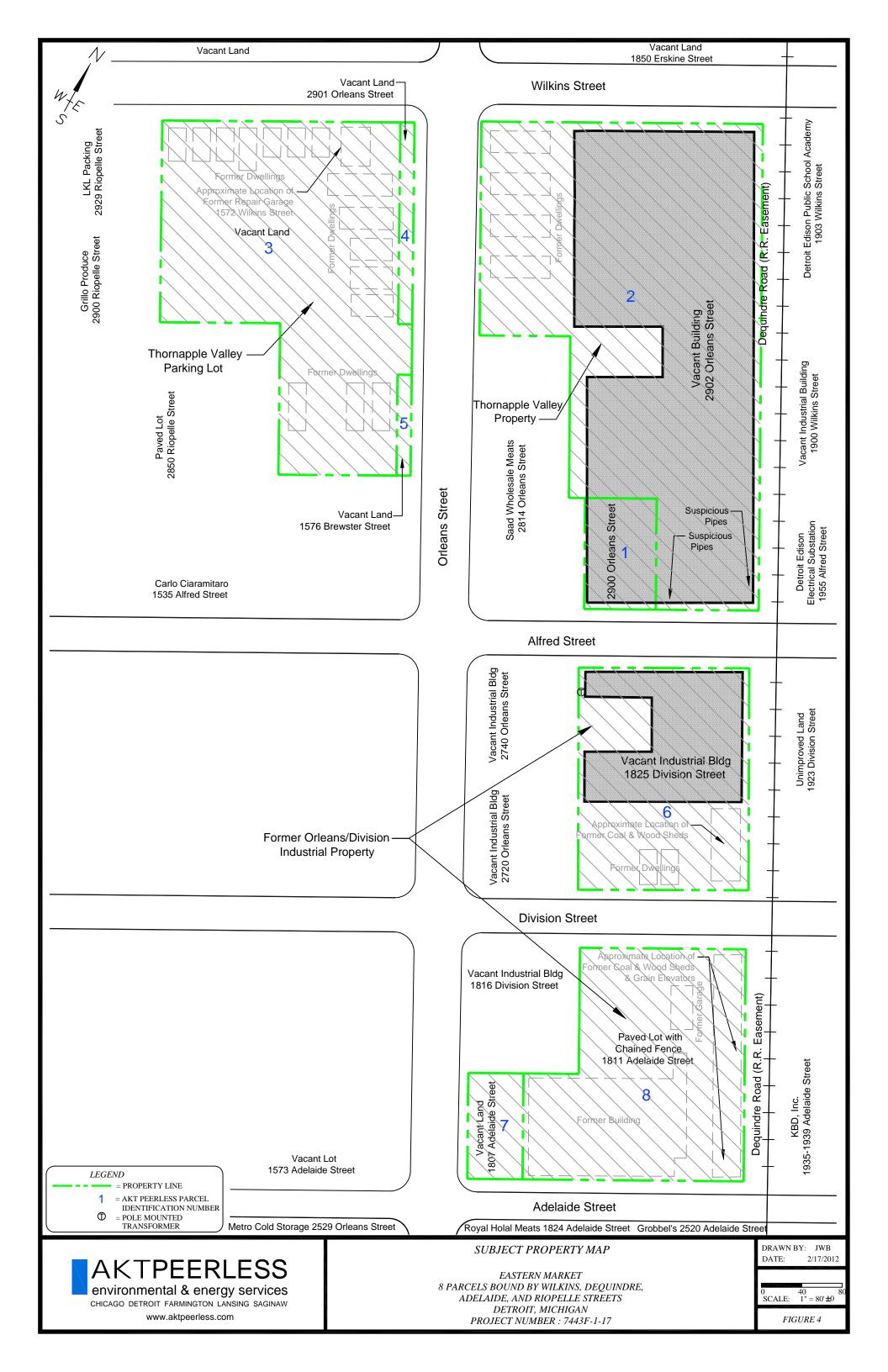
### **AKTPEERLESS**

environmental & energy services CHICAGO DETROIT FARMINGTON LANSING SAGINAW

www.aktpeerless.com

EASTERN MARKET 8 PARCELS BOUND BY WILKINS, DEQUINDRE, ADELAIDE, AND RIOPELLE STREETS DETROIT, MICHIGAN PROJECT NUMBER: 7443F-1-17

FIGURE 3





# APPENDIX A GENERAL LIMITATIONS AND EXCEPTIONS

#### **General Limitations and Exceptions**

Subject to the proposal, scope-of-services, and the related terms and conditions referenced in Section 1.0 of this Phase I ESA, AKT Peerless accepts responsibility for the competent performance of its duties in executing the assignment and preparing reports in accordance with the normal standards of the profession, but disclaims any responsibility for consequential damages.

Although AKT Peerless believes that the findings, opinions, and recommendations contained herein are reliable and appropriate, AKT Peerless cannot warrant or guarantee that the information provided is exhaustive, or that the information obtained from any data sources is complete or accurate.

Along with the inherent limitations set forth in various sections of ASTM Standard Practice E 1527-05, the accuracy and completeness of this report may be limited by the following facts or conditions:

- Due to the poor scale of the historical aerial photographs, the presence or absence of small features (e.g., individual drums, fuel dispensers) could not be discerned reliably.
- AKT Peerless made reasonable efforts to determine if USTs or related equipment (collectively referred to as UST systems) are or have been present at the subject property. AKT Peerless defines reasonable efforts as obtaining and evaluating information from visual observations of unobstructed areas and from the secondary sources cited in this report. AKT Peerless recognizes, and suggests users of this assessment acknowledge, that the accuracy of our conclusions relative to the on-site presence or use of UST systems may be directly affected by the presence of physical obstructions at the time of the reconnaissance, or affected by our receipt and evaluation of incorrect information.
- AKT Peerless' evaluation of soil and groundwater features at and near the subject property was based only on published maps and other readily available information. AKT Peerless used this information to assess soil types and groundwater flow directions to determine if conditions at any nearby sites present an environmental threat to the subject property.
- Unless specifically noted otherwise, invasive investigation of any kind has not been performed during this Phase I ESA, nor has observation under floors, above ceilings, behind walls, within the surface and subsurface soil, within groundwater, within confined spaces, roof tops, or inaccessible areas been performed.
- AKT Peerless did not conduct sampling or analysis of air, soil, groundwater, surface water, or building materials as part of this Phase I ESA, unless specifically noted otherwise.
- This Phase I ESA did not include a physical inspection of the adjoining properties, which AKT Peerless observed from the subject property and from readily accessible public rightsof-way.
- AKT Peerless typically does not review historical or environmental information about nearby sites in detail unless known activities or events at a nearby site appear to present an environmental threat to the subject property.

- AKT Peerless' scope of services did not include conducting a review of property title
  documentation. AKT Peerless requested property title documentation and environmental
  cleanup liens from the Client, but was not provided this information, unless specifically
  noted otherwise. However, as described in this report, AKT Peerless made reasonable
  attempts to determine if the State Environmental Agency maintains documentation regarding
  environmental liens recorded against the subject property.
- This assessment did not include a review or audit of operational environmental compliance issues, or of any environmental management systems, that may be associated with the subject property.
- This Phase I ESA did not include any investigation or evaluation of issues not specifically related to petroleum products or hazardous substances as defined in CERCLA (i.e., other areas of potential business environmental risk such as radon, lead in drinking water, etc.).
- The information and opinions contained in the report are given in light of this assignment. The report must be reviewed and relied upon only in conjunction with the terms and conditions expressly agreed-upon by the parties and as limited therein.
- Although AKT Peerless believes the results contained in herein are reliable, AKT Peerless cannot warrant or guarantee that the information provided is exhaustive, or that the information provided by the Client, third parties, or the secondary information sources cited in this report is complete or accurate.
- AKT Peerless is not in a position to provide an opinion regarding the Fair Market Value of the subject property. Therefore, a comparison of the purchase price of the subject property to other similar real estate transactions was not conducted during this assessment.
- Nothing in this report constitutes a legal opinion or legal advice. For information regarding individual or organizational liability, AKT Peerless recommends consultation with independent legal counsel.
- AKT Peerless relied upon specific or common knowledge of the Client, or information provided to the Client, to identify environmental liens, institutional controls, activity use limitations, or property valuation issues. As possible within the time frame and cost of this project, AKT Peerless looked for any obvious environmental information regarding these issues made readily available during the course of this ESA.
- The information and opinions presented in this report are for the exclusive use of the Client. No distribution to or reliance by other parties may occur without the express written permission of AKT Peerless. AKT Peerless will not distribute this report without written consent from the Client, or as required by law or by a Court order.
- Any third parties to whom the right to rely on the contents of this report have been granted by AKT Peerless, which is explicitly required prior to any third-party release, expressly agrees to be bound by the original terms and conditions entered into by AKT Peerless and the Client.

# APPENDIX B LEGAL DESCRIPTIONS

2900 ORLEANS	N ALFRED 15&14 SUB OF E PT LOT 7 DEQUINDRE FARM L1 P279 PLATS, W C R 7/30 7,810 SQ FT
2900 OKLLANS	N ALFRED 13 THRU 11 SUB OF E PT LOT 7 DEQUINDRE FARM L1 P279 PLATS, W C R 7/30 7,810 3Q T T
2000 001 54440	· ·
2902 ORLEANS	ALLEY ADJ N 23.31 FT OF LOT 7 ALSO VAC DEQUINDRE ST ALS
	S WILKINS PT OF 19 & 18LINGERMANS SUB L1 P240 PLATS, WCR 7/33 PT OF 25 THRU 29WEINS SUB L4 P49
1600 WILKINS	PLATS, WCR 7/29 1 THRU 6 L SCHULTES SUB L1 P179 PLATS,
1576 BREWSTER	S BREWSTER E14FT 30WIENS SUB L4 P49 PLATS W C R 7/29 14 X 100
	W ORLEANS E 14 FT 18LINGERMANS SUB L1 P240 PLATS W C R 7/33 E 14 FT 25 THRU 29WIENS SUB L4 P49
2901 ORLEANS	PLATS W C R 7/29 200 X 14
	N DIVISION 1-2-3-4 E 31 FT 5-6 7-8-9-10 AND VAC ALLEY ADJ SUB OF PT DEQUINDRE FARM L1 P279 PLATS, W
1825 DIVISION	C R 7/30 37,180 SQ FT
	N ADELAIDE S 105 FT 43 BLK 26 PLAT OF ANTOINE DEQUINDRE FARM L10 P716-8 CITY RECORDS, W C R 7/1
1807 ADELAIDE ST	54.77 X 105
	N ADELAIDE S 105 FT 44 45 THRU 50 BLK 26 PLAT OF ANTOINE DEQUINDRE FARM L10 P716-8 CITY
1811 ADELAIDE ST	RECORDS,WCR 7/1 43,542 SQ FT

# APPENDIX C RECONNAISSANCE PHOTOGRAPHS



PHOTOGRAPH NO. 1: SUBJECT PROPERTY SUBJECT PROPERTY, TYPICAL PARKING LOT, AS VIEWED FACING WEST



PHOTOGRAPH NO. 2: SUBJECT PROPERTY
PARCEL 2, VACANT INDUSTRIAL BUILDING, AS VIEWED FACING WEST



TAKEN BY: BARTON/PANEK DATE: 02.03.12



PHOTOGRAPH NO. 3: SUBJECT PROPERTY
PARCEL 2, VACANT INDUSTRIAL BUILDING, AND SUSPICIOUS PIPES, AS VIEWED FACING NORTHWEST



PHOTOGRAPH NO. 4: SUBJECT PROPERTY
PARCEL 2, VACANT INDUSTRIAL BUILDING, AND SUSPICIOUS PIPES, AS VIEWED FACING NORTHWEST



TAKEN BY: BARTON/PANEK DATE: 02.03.12



PHOTOGRAPH NO. 5: SUBJECT PROPERTY
PARCEL 6, VACANT INDUSTRIAL BUILDING, AS VIEWED FACING SOUTHWEST



PHOTOGRAPH NO. 6: SUBJECT PROPERTY
PARCEL 6, VACANT INDUSTRIAL BUILDING, DISTURBED SOIL, AS VIEWED FACING SOUTHWEST



TAKEN BY: BARTON/PANEK DATE: 02.03.12



PHOTOGRAPH NO. 7: SUBJECT PROPERTY SUBJECT PROPERTY, TYPICAL PARKING LOT, AS VIEWED FACING EAST



PHOTOGRAPH NO. 8: ADJOINING PROPERTY TYPICAL ADJOINING PARKING LOT



TAKEN BY: BARTON/PANEK DATE: 02.03.12



PHOTOGRAPH NO. 9: ADJOINING PROPERTY NORTHERN ADJOINING PROPERTY, 1580 WILKINS STREET, AS VIEWED FACING NORTHEAST



PHOTOGRAPH NO. 10: ADJOINING PROPERTY NORTHEASTERN ADJOINING PROPERTY, 1903 WILKINS STREET, AS VIEWED FACING NORTH



TAKEN BY: BARTON/PANEK DATE: 02.03.12



PHOTOGRAPH NO. 11: ADJOINING PROPERTY
EASTERN ADJOINING PROPERTY, VACANT INDUSTRIAL BUILDING, AS VIEWED FACING NORTHEAST



PHOTOGRAPH NO. 12: ADJOINING PROPERTY
EASTERN ADJOINING PROPERTY, ELECTRICAL SUBSTATION, AS VIEWED FACING NORTHWEST



TAKEN BY: BARTON/PANEK DATE: 02.03.12



PHOTOGRAPH NO. 13: ADJOINING PROPERTY SOUTHERN ADJOINING PROPERTY, 1824 ADELAIDE AND 2520 ADELAIDE, AS VIEWED FACING SOUTHEAST



PHOTOGRAPH NO. 14: ADJOINING PROPERTY SOUTHWESTERN ADJOINING PROPERTY, 2529 ORLEANS STREET, AS VIEWED FACING SOUTH



TAKEN BY: BARTON/PANEK DATE: 02.03.12



PHOTOGRAPH NO. 15: ADJOINING PROPERTY
TYPICAL ADJOINING INDUSTRIAL BUILDING, 2720 ORLEANS STREET, AS VIEWED FACING NORTHEAST



PHOTOGRAPH NO. 16: ADJOINING PROPERTY
TYPICAL ADJOINING COMMERCIAL PROPERTY, 2638 ORLEANS STREET, AS VIEWED FACING SOUTHEAST



TAKEN BY: BARTON/PANEK DATE: 02.03.12

# APPENDIX D STANDARD ENVIRONMENTAL RECORD DATABASE REPORT

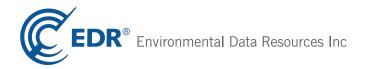
2902 Orleans

2902 Orleans Detroit, MI 48207

Inquiry Number: 3226380.2s

December 19, 2011

## The EDR Radius Map™ Report with GeoCheck®



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**Thank you for your business.**Please contact EDR at 1-800-352-0050 with any questions or comments.

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A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

# TARGET PROPERTY INFORMATION

#### **ADDRESS**

2902 ORLEANS DETROIT, MI 48207

### **COORDINATES**

Latitude (North): 42.349700 - 42° 20' 58.9" Longitude (West): 83.038500 - 83° 2' 18.6"

Universal Tranverse Mercator: Zone 17 UTM X (Meters): 332095.8 UTM Y (Meters): 4690402.5

Elevation: 624 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 42083-C1 DETROIT, MI

Most Recent Revision: 1980

# **AERIAL PHOTOGRAPHY IN THIS REPORT**

Portions of Photo from: 2009, 2010 Source: USDA

#### TARGET PROPERTY SEARCH RESULTS

DETROIT, MI 48207

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
THORNAPPLE VALLEY INC 2900-02 ORLEANS ST DETROIT, MI 48207	RCRA-CESQG FINDS	MIR000005835
THORN APPLE VALLEY - ORLEANS 2900 ORLEANS STREET DETROIT, MI 48207	CERCLIS FINDS	MISFN0507966
THORN APPLE VALLEY - ORLEANS 2900 ORLEANS STREET 2900 ORLEANS	ICIS STREET DETROIT MI 48207	N/A

# **DATABASES WITH NO MAPPED SITES**

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

# STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list	
NPL Proposed NPL NPL LIENS	Proposed National Priority List Sites
Federal Delisted NPL site lis	t
Delisted NPL	National Priority List Deletions
Federal CERCLIS list	
FEDERAL FACILITY	Federal Facility Site Information listing
Federal CERCLIS NFRAP sit	e List
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
Federal RCRA CORRACTS for	acilities list
CORRACTS	Corrective Action Report
Federal RCRA non-CORRAC	CTS TSD facilities list
RCRA-TSDF	RCRA - Treatment, Storage and Disposal
Federal RCRA generators lis	ot .
	RCRA - Large Quantity Generators RCRA - Small Quantity Generators
Federal institutional controls	s / engineering controls registries
	Engineering Controls Sites List Sites with Institutional Controls
Federal ERNS list	
ERNS	Emergency Response Notification System
State and tribal landfill and/o	or solid waste disposal site lists
SWF/LF	Solid Waste Facilities Database

## State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

# State and tribal registered storage tank lists

AST..... Aboveground Tanks

INDIAN UST...... Underground Storage Tanks on Indian Land

FEMA UST..... Underground Storage Tank Listing

### State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

#### ADDITIONAL ENVIRONMENTAL RECORDS

### Local Lists of Landfill / Solid Waste Disposal Sites

ODI..... Open Dump Inventory

DEBRIS REGION 9.......... Torres Martinez Reservation Illegal Dump Site Locations

SWRCY..... Recycling Facilities

INDIAN ODI...... Report on the Status of Open Dumps on Indian Lands

#### Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs

DEL SHWS...... Delisted List of Contaminated Sites CDL...... Clandestine Drug Lab Listing

### Local Land Records

LIENS 2..... CERCLA Lien Information

LUCIS.....Land Use Control Information System

LIENS.....Lien List

# Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

SPILLS...... Pollution Emergency Alerting System

#### Other Ascertainable Records

CONSENT...... Superfund (CERCLA) Consent Decrees

TRIS...... Toxic Chemical Release Inventory System

TSCA...... Toxic Substances Control Act

FTTS......FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide

Act)/TSCA (Toxic Substances Control Act)

HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing

RAATS....... RCRA Administrative Action Tracking System

UIC...... Underground Injection Wells Database

WDS..... Waste Data System

DRYCLEANERS\_\_\_\_\_\_ Drycleaning Establishments
NPDES\_\_\_\_\_\_ List of Active NPDES Permits

AIRS..... Permit and Emissions Inventory Data

INDIAN RESERV..... Indian Reservations

SCRD DRYCLEANERS...... State Coalition for Remediation of Drycleaners Listing

FINANCIAL ASSURANCE.... Financial Assurance Information Listing COAL ASH DOE............. Sleam-Electric Plan Operation Data

COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List

PCB TRANSFORMER\_\_\_\_\_PCB Transformer Registration Database

COAL ASH..... Coal Ash Disposal Sites

#### **EDR PROPRIETARY RECORDS**

## **EDR Proprietary Records**

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

#### **SURROUNDING SITES: SEARCH RESULTS**

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in **bold italics** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

## STANDARD ENVIRONMENTAL RECORDS

# Federal RCRA generators list

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 06/15/2011 has revealed that there are 3 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BOTTLING GROUP L L C PEPSI BOT	1555 MACK AVE.	NW 1/8 - 1/4 (0.190 mi.)	V95	74
Lower Elevation	Address	Direction / Distance	Map ID	Page
MI DEPT/TRANSPORTATION	I 94 UNDER M 3 (GRATIOT	SSE 0 - 1/8 (0.084 mi.)	F33	31

# State- and tribal - equivalent CERCLIS

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Quality's' Contaminated Sites List on Diskette With Address.

A review of the SHWS list, as provided by EDR, and dated 10/31/2011 has revealed that there is 1 SHWS site within approximately 1 mile of the target property.

I	Lower Elevation	Address	Direction / Distance	Map ID	Page
F	RUSSELL/WATSON ST NR EASTERN M Facility Status: Evaluation conducted	3011 RUSSELL STREET	WSW 1/8 - 1/4 (0.156 mi.)	P78	61

# State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Quality's Leaking Underground Storage Tank (LUST) Database.

A review of the LUST list, as provided by EDR, and dated 10/01/2011 has revealed that there are 22 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CITY OF DETROIT WATER & SEWERA Facility Status: Closed	1555 ERSKINE ST	WSW 0 - 1/8 (0.055 mi.)	14	20
FORMER MEAT HOUSE REALTY PACKI Facility Status: Closed	2001 BREWSTER	ENE 0 - 1/8 (0.066 mi.)	16	25
PEPSI BOTTLING GROUP Facility Status: Open	1555 MACK AVE	NW 1/8 - 1/4 (0.190 mi.)	V96	76
MURRY ORHAM Facility Status: Open	1490 MACK AVE	NW 1/8 - 1/4 (0.196 mi.)	102	81
Lower Elevation	Address	Direction / Distance	Map ID	Page
JEMMICA INC Facility Status: Open	1911 GRATIOT AVE	SE 0 - 1/8 (0.052 mi.)	F12	18
IXC COMMUNICATIONS SERV INC Facility Status: Closed	1860 GRATIOT AVE	SSE 0 - 1/8 (0.081 mi.)	F25	27
BROADWAY MARKET CORNED BEEF CO Facility Status: Closed	1841 GRATIOT AVE	SSE 0 - 1/8 (0.083 mi.)	G29	29

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHICAGO BEEF CO Facility Status: Open	1971 GRATIOT AVE	ENE 0 - 1/8 (0.099 mi.)	H45	37
Not reported Facility Status: Open	2000 GRATIOT AVE	ENE 0 - 1/8 (0.115 mi.)	H48	41
MARJORIE MCGUIRE Facility Status: Closed	1544 GRATIOT AVE	SSE 1/8 - 1/4 (0.148 mi.)	N68	47
CITY OF DETROIT FIRE APPARATUS Facility Status: Closed	1400 ERSKINE ST	WSW 1/8 - 1/4 (0.152 mi.)	O70	49
CITY OF DETROIT FIRE DEPARTMEN Facility Status: Open Facility Status: Open *Additional key fields are available in the left.	3100 RUSSELL ST  Map Findings section	WSW 1/8 - 1/4 (0.154 mi.)	P71	52
ABANDONED TAX REVERTED PARCEL Facility Status: Closed	3011/3033 RUSSELL	WSW 1/8 - 1/4 (0.155 mi.)	P75	60
ALLIED PROVISION Facility Status: Closed	2127 BREWSTER ST	ENE 1/8 - 1/4 (0.171 mi.)	85	66
SALASNEK FISHERIES INC Facility Status: Closed	2140 WILKINS ST	ENE 1/8 - 1/4 (0.174 mi.)	K89	69
ABDUL BERRY Facility Status: Closed Facility Status: Closed	2153 GRATIOT AVE	ENE 1/8 - 1/4 (0.175 mi.)	T91	70
<b>DELTA MANOR INC</b> Facility Status: Closed	2150 E VERNOR	ENE 1/8 - 1/4 (0.191 mi.)	S97	79
<b>DETROIT HOUSING COMMISSION</b> Facility Status: Open	2200 RIOPELLE	S 1/8 - 1/4 (0.208 mi.)	Z111	84
COMERICA DEVELOPMENT Facility Status: Open	2281 GRATIOT AVE	ENE 1/4 - 1/2 (0.293 mi.)	150	102
R HIRT JR CO Facility Status: Closed	3000 CHRYSLER DR	WSW 1/4 - 1/2 (0.323 mi.)	151	103
SAFEWAY INVESTMENT Facility Status: Closed Facility Status: Open	975 MACK	W 1/4 - 1/2 (0.345 mi.)	AH153	105
FORMER GAS STATION -TOLAN PARK Facility Status: Closed	3909 HASTINGS	W 1/4 - 1/2 (0.477 mi.)	154	109

# State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Quality's Michigan UST database.

A review of the UST list, as provided by EDR, and dated 10/01/2011 has revealed that there are 19 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CITY OF DETROIT WATER & SEWERA	1555 ERSKINE ST	WSW 0 - 1/8 (0.055 mi.)	14	20
UNISOURCE FOOS CORP	2000 DIVISION ST	ENE 0 - 1/8 (0.065 mi.)	15	24

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GUZZARDO INVESTMENT CO	2888 RIOPELLE ST	WSW 0 - 1/8 (0.067 mi.)	18	26
PEPSI BOTTLING GROUP	1555 MACK AVE	NW 1/8 - 1/4 (0.190 mi.)	V96	76
AMOCO PETROLEUM PRODUCTS	MACK & ST AUBIN	N 1/8 - 1/4 (0.220 mi.)	U115	86
AMOCO PETROLEUM PRODUCTS	7715 MILLER & VAN DYKE	NNE 1/8 - 1/4 (0.231 mi.)	AC126	93
Lower Elevation	Address	Direction / Distance	Map ID	Page
JEMMICA INC	1911 GRATIOT AVE	SE 0 - 1/8 (0.052 mi.)	F12	18
IXC COMMUNICATIONS SERV INC	1860 GRATIOT AVE	SSE 0 - 1/8 (0.081 mi.)	F25	27
CHICAGO BEEF CO	1971 GRATIOT AVE	ENE 0 - 1/8 (0.099 mi.)	H45	37
MARJORIE MCGUIRE	1544 GRATIOT AVE	SSE 1/8 - 1/4 (0.148 mi.)	N68	47
CITY OF DETROIT FIRE APPARATUS	1400 ERSKINE ST	WSW 1/8 - 1/4 (0.152 mi.)	O70	49
CITY OF DETROIT FIRE DEPARTMEN	3100 RUSSELL ST	WSW 1/8 - 1/4 (0.154 mi.)	P71	52
CITY OF DETROIT PLANNING DEVEL	3011/3033 RUSSELL	WSW 1/8 - 1/4 (0.154 mi.)	P72	56
ALLIED PROVISION	2127 BREWSTER ST	ENE 1/8 - 1/4 (0.171 mi.)	85	66
SALASNEK FISHERIES INC	2140 WILKINS ST	ENE 1/8 - 1/4 (0.174 mi.)	K89	69
ABDUL BERRY	2153 GRATIOT AVE	ENE 1/8 - 1/4 (0.175 mi.)	T91	70
DELTA MANOR INC	2150 E VERNOR	ENE 1/8 - 1/4 (0.191 mi.)	S97	<i>7</i> 9
DETROIT HOUSING COMMISSION	2200 RIOPELLE	S 1/8 - 1/4 (0.208 mi.)	Z111	84
E & S PACKING	1313 ERSKINE ST	WSW 1/8 - 1/4 (0.223 mi.)	116	87

# State and tribal institutional control / engineering control registries

AUL: A listing of sites with institutional and/or engineering controls in place.

A review of the AUL list, as provided by EDR, and dated 09/19/2011 has revealed that there are 2 AUL sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ABDUL BERRY	2153 GRATIOT AVE	ENE 1/8 - 1/4 (0.175 mi.)	T91	70
SHELL SERVICE STATION (DETROIT	975 MACK	W 1/4 - 1/2 (0.342 mi.)	AH152	104

## State and tribal Brownfields sites

BROWNFIELDS: Brownfields and USTfield Site Database.

A review of the BROWNFIELDS list, as provided by EDR, and dated 11/04/2011 has revealed that there are 2 BROWNFIELDS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ORLEANS, 2900 (FORMER THORNAPP	2900 ORLEANS	0 - 1/8 (0.000 mi.)	A6	14
Lower Elevation	Address	Direction / Distance	Map ID	Page
CITY OF DETROIT-3011 RUSSELL S	3011/3033 RUSSELL	WSW 1/8 - 1/4 (0.155 mi.)	_	60

## ADDITIONAL ENVIRONMENTAL RECORDS

### Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properites addressed by Cooperative Agreement Recipients and Brownfields properties addressed by Targeted Brownfields Assessments

A review of the US BROWNFIELDS list, as provided by EDR, and dated 06/27/2011 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WHOLESALE RUSSELL/MACK	RUSSELL & MACK AVENUE	WNW 1/8 - 1/4 (0.231 mi.)	AD125	91

#### Local Lists of Landfill / Solid Waste Disposal Sites

HIST LF: The database contains historical information and is no longer updated..

A review of the HIST LF list, as provided by EDR, and dated 03/01/1997 has revealed that there is 1 HIST LF site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
CENTRAL INCINERATOR	3101 ORLEANS ST	0 - 1/8 (0.000 mi.)	B5	12	

#### Other Ascertainable Records

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 06/15/2011 has revealed that there are 10 RCRA-NonGen sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHICAGO BEEF CO	1939 ADELAIDE ST	ENE 0 - 1/8 (0.034 mi.)	D9	15
CITY OF DETROIT WATER & SEWERA	1555 ERSKINE ST	WSW 0 - 1/8 (0.055 mi.)	14	20
EDIBLES REX	1825 SCOTT ST	NNW 0 - 1/8 (0.086 mi.)	134	33
ROCKY DFD LLC	3434 RUSSELL ST	W 1/8 - 1/4 (0.161 mi.)	R82	64
Lower Elevation	Address	Direction / Distance	Map ID	Page
CHICAGO BEEF CO	1971 GRATIOT AVE	ENE 0 - 1/8 (0.099 mi.)	H45	37
CITY OF DETROIT FIRE APPARATUS	1400 ERSKINE ST	WSW 1/8 - 1/4 (0.152 mi.)	O70	49
CITY OF DETROIT FIRE DEPARTMEN	3100 RUSSELL ST	WSW 1/8 - 1/4 (0.154 mi.)	P71	52
MI DEPT/NATURAL RESOURCES AND	3001 RUSSELL ST	WSW 1/8 - 1/4 (0.156 mi.)	P79	62
DETROIT EQUIPMENT CO	1321 WATSON	WSW 1/8 - 1/4 (0.226 mi.)	AA120	89
FOX STEEL TREATING CO	2220 GRATIOT AVE	ENE 1/8 - 1/4 (0.234 mi.)	AB128	95

BEA: Baseline Environmental Assessment.

A review of the BEA list, as provided by EDR, and dated 08/29/2011 has revealed that there are 13 BEA sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
DETROIT EDISON PUBLIC SCHOOL A	1903 WILKINS STREET	ENE 0 - 1/8 (0.034 mi.)	C7	14	
Not reported	1903 WILKINS, 1995 WILK	ENE 0 - 1/8 (0.034 mi.)	C8	15	
DETROIT MARKET GARDEN	1850 ERSKINE	ENE 0 - 1/8 (0.045 mi.)	10	17	
Not reported	1980 - 2000 WILKINS STR	ENE 0 - 1/8 (0.055 mi.)	C13	20	
FORMER MEAT HOUSE REALTY PACKI	2001 BREWSTER	ENE 0 - 1/8 (0.066 mi.)	16	25	
EDIBLES REX MANAGEMENT SERVICE	1825 SCOTT STREET	NNW 0 - 1/8 (0.086 mi.)	135	34	
EDIBLES REX, INC.	1825 SCOTT STREET	NNW 0 - 1/8 (0.086 mi.)	136	34	
THOMA PROPERTIES	1825 SCOTT STREET	NNW 0 - 1/8 (0.086 mi.)	137	35	
Not reported	3434 RUSSELL	W 1/8 - 1/4 (0.161 mi.)	R83	65	
MILANO BAKERY	RIOPELLE STREET & MACK	NW 1/8 - 1/4 (0.194 mi.)	V100	80	
Lower Elevation	Address	Direction / Distance	Map ID	Page	
MICHIGAN NATIONAL BANK	2000 GRATIOT AVENUE	ENE 0 - 1/8 (0.115 mi.)	H47	41	
Not reported	2000 GRATIOT AVE	ENE 0 - 1/8 (0.115 mi.)	H48	41	
ROCKY FIREHOUSE NO. 5. L.L.C.	3400 RUSSELL STREET	WSW 1/8 - 1/4 (0.155 mi.)	O76	61	

### **EDR PROPRIETARY RECORDS**

# **EDR Proprietary Records**

EDR Historical Auto Stations: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

A review of the EDR Historical Auto Stations list, as provided by EDR, has revealed that there are 59 EDR Historical Auto Stations sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
C AND P GARAGE	1572 WILKINS	0 - 1/8 (0.000 mi.)	B4	12
CASTIGLIONE CARMEN S	1525 DIVISION	WSW 0 - 1/8 (0.051 mi.)	E11	17
PETTWAY QUILL	1526 DIVISION	WSW 0 - 1/8 (0.066 mi.)	E17	25
OSCAR S COLLISION	3500 SAINT AUBIN AVE	NNE 1/8 - 1/4 (0.155 mi.)	L77	61
OSCAR S COLLISION SHOP	2009 HALE AVE	NNE 1/8 - 1/4 (0.189 mi.)	U94	74
PELLEGRINO CARLO	2100 MACK AVE	N 1/8 - 1/4 (0.225 mi.)	U117	88
MCL KINNEY S STANDARD SERVICE	2100 MACK	N 1/8 - 1/4 (0.227 mi.)	AC123	91
BELON LOUIS	3611 SAINT AUBIN AVE	N 1/8 - 1/4 (0.231 mi.)	AC127	95
JUNGA MARY J MRS	2140 MACK AVE	NNE 1/8 - 1/4 (0.237 mi.)	AC129	97
HANK S GARAGE	2144 MACK AVE	NNE 1/8 - 1/4 (0.238 mi.)	AC130	97
Lower Elevation	Address	Direction / Distance	Map ID	Page
GRATIOT WATERLOO STANDARD SERV	1900 GRATIOT AVE	SSE 0 - 1/8 (0.070 mi.)	F20	26
MARKET OIL CO	1860 GRATIOT AVE	SSE 0 - 1/8 (0.081 mi.)	F26	29
EAST SIDE STUDEBAKER SERVICE S	1845 GRATIOT AVE	SSE 0 - 1/8 (0.082 mi.)	G27	29

Lower Elevation	Address	Direction / Distance	Map ID	Page
DEROCHE ALBERT J	1935 GRATIOT AVE	ENE 0 - 1/8 (0.083 mi.)	D28	29
EAST SIDE STUDEBAKER SERVICE S	1839 GRATIOT AVE	SSE 0 - 1/8 (0.084 mi.)	G30	30
ANTHONY S SINCLAIR SERVICE	1937 GRATIOT AVE	ENE 0 - 1/8 (0.084 mi.)	H32	30
JAY SERVICE STATION	1800 GRATIOT AVE	SSE 0 - 1/8 (0.087 mi.)	38	35
GORDON AND ANSHUTZ	1819 GRATIOT AVE	SSE 0 - 1/8 (0.089 mi.)	G39	35
GORDON AND ANSHUTZ	1817 GRATIOT AVE	SSE 0 - 1/8 (0.089 mi.)	G40	36
MEURER SERVICE STATION BR	1965 GRATIOT AVE	ENE 0 - 1/8 (0.096 mi.)	H42	36
SINCLAIR REFINING CO	1967 GRATIOT AVE	ENE 0 - 1/8 (0.097 mi.)	H43	36
JOE S TOWING SERVICE	1710 VERNOR HWY	ENE 0 - 1/8 (0.098 mi.)	H44	37
GOODRICH SILVERTOWN STORES BR	1956 GRATIOT AVE	ENE 0 - 1/8 (0.103 mi.)	H46	41
LIEBERMAN ELMER C	2025 GRATIOT AVE	ENE 0 - 1/8 (0.117 mi.)	H49	42
LIEBERMAN ELMER C	2031 GRATIOT AVE	ENE 0 - 1/8 (0.118 mi.)	H50	42
VERNOR-GRATIOT GULF SERVICE	2036 GRATIOT AVE	ENE 0 - 1/8 (0.120 mi.)	H51	43
PIZZIMENTI JAS	2741 SAINT AUBIN AVE	ENE 1/8 - 1/4 (0.129 mi.)	J55	44
TANNER EDW C	2737 SAINT AUBIN AVE	ENE 1/8 - 1/4 (0.129 mi.)	J56	44
THOMAS VINCENT	3003 SAINT AUBIN AVE	ENE 1/8 - 1/4 (0.130 mi.)	K57	44
CHAREST THOS P	2524 SAINT AUBIN AVE	E 1/8 - 1/4 (0.138 mi.)	M63	46
HAROLD S AUTO AND TRUCK REPAIR	1544 GRATIOT AVE	SSE 1/8 - 1/4 (0.148 mi.)	N67	47
SUPER WELDING CO	2330 ORLEANS	SSE 1/8 - 1/4 (0.152 mi.)	N69	49
MARKET STANDARD SORVICO	2901 RUSSELL	WSW 1/8 - 1/4 (0.157 mi.)	Q80	63
J	2901 RUSSELL ST	WSW 1/8 - 1/4 (0.158 mi.)	Q81	63
MORT SERVICE STATION	1536 JAY	SSE 1/8 - 1/4 (0.172 mi.)	N86	68
VERNOR SERVICE STATION	2119 E VERNOR HWY	ENE 1/8 - 1/4 (0.172 mi.)	S87	68
BRILL S SUPER SERVICE	1524 JAY	S 1/8 - 1/4 (0.173 mi.)	N88	68
CLARK OIL	2153 GRATIOT AVE	ENE 1/8 - 1/4 (0.175 mi.)	T90	70
EDDY ROY	2130 HENDRICKS	ENE 1/8 - 1/4 (0.173 mi.)	T90	70 74
MALY AND HOFFMAN	2181 GRATIOT AVE	ENE 1/8 - 1/4 (0.177 mi.)	T104	82
OWENS AND GOOLSBY SERVICE	2166 E VERNOR HWY	ENE 1/8 - 1/4 (0.200 mi.)	S105	82
MALY AND HOFFMAN	2185 GRATIOT AVE	ENE 1/8 - 1/4 (0.200 mi.)	T107	82
EASTERN MARKET GARAGE	1313 ADELAIDE	WSW 1/8 - 1/4 (0.203 mi.)	X108	83
GIGLIOTTI RAY T	2181 WILKINS	ENE 1/8 - 1/4 (0.204 mi.)	Y109	83
DRAGER WM	2210 SAINT AUBIN AVE	SE 1/8 - 1/4 (0.204 mi.)	W110	83
GRATIOT DUBOIS SERVICE	2190 GRATIOT AVE	ENE 1/8 - 1/4 (0.209 mi.)	T112	85
BESTE GEO C	1468 GRATIOT AVE	S 1/8 - 1/4 (0.225 mi.)	Z118	88
BENNETT S SERVICE STATION	2375 RUSSELL	SSW 1/8 - 1/4 (0.227 mi.)	121	90
TIBBLTS KARL N	1330 WINDER	SW 1/8 - 1/4 (0.229 mi.)	X124	91
TIBBITS KARL N	1318 WINDER	SW 1/8 - 1/4 (0.239 mi.)	X124 X132	97
ABRAMNSON SERVICE	2941 RIVARD	WSW 1/8 - 1/4 (0.240 mi.)	AE133	97 98
BURDICE MAX	2935 RIVARD	WSW 1/8 - 1/4 (0.240 mi.)	AE134	98
GILBERT HERBERT W	2908 RIVARD	WSW 1/8 - 1/4 (0.241 mi.)	_	98
		` ,	AE136	98
DUENGEL EDW C	2900 RIVARD	WSW 1/8 - 1/4 (0.241 mi.)		96 100
DANDRIDGE MACK	2800 RIVARD	WSW 1/8 - 1/4 (0.244 mi.)	AF141	
ARENA HENRY	2804 RIVARD	WSW 1/8 - 1/4 (0.244 mi.)	AF142	100
SOLOMON MAX	1310 WINDER	SW 1/8 - 1/4 (0.246 mi.)	X145	101
COLEMAN CLYDE E	2140 ORLEANS	SSE 1/8 - 1/4 (0.246 mi.)	146	101
OWENS JESSE	2138 SAINT AUBIN AVE	SSE 1/8 - 1/4 (0.250 mi.)	149	102

EDR Historical Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

A review of the EDR Historical Cleaners list, as provided by EDR, has revealed that there are 38 EDR

Historical Cleaners sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SMITHERS HENRY	1985 ALFRED	ENE 0 - 1/8 (0.096 mi.)	J41	36
PITTS JAVION	3447 SAINT AUBIN AVE	NE 1/8 - 1/4 (0.137 mi.)	L59	45
VON SZYMEROWSKI CLEMENS	3473 SAINT AUBIN AVE	NE 1/8 - 1/4 (0.145 mi.)	L66	47
DETROIT WET WASH LAUNDRY	1415 ELIOT	WNW 1/8 - 1/4 (0.180 mi.)	93	74
STURGHIIL W O	2170 PIERCE	NE 1/8 - 1/4 (0.193 mi.)	98	80
QUEEN LAUNDRY CO	3560 SAINT AUBIN AVE	NNE 1/8 - 1/4 (0.195 mi.)	U101	81
ABROM HATTERS AND CLEANERS	3601 RUSSELL	WNW 1/8 - 1/4 (0.238 mi.)	AD131	97
ROBSON OTTO	3608 RUSSELL	WNW 1/8 - 1/4 (0.242 mi.)	AD137	99
Lower Elevation	Address	Direction / Distance	Map ID	Page
PROTECTIVE LAUNDRY CO	2423 ORLEANS	SSE 0 - 1/8 (0.069 mi.)	G19	26
PROTECTIVE STEAM LAUNDRY	2417 ORLEANS AVE	SSE 0 - 1/8 (0.074 mi.)	G21	27
PROTECTIVE LAUNDRY CO	2417 ORLEANS	SSE 0 - 1/8 (0.074 mi.)	G22	27
PROTECTIVE STEAM LAUNDRY	2413 ORLEANS AVE	SSE 0 - 1/8 (0.077 mi.)	G23	27
CRYSTAL FAMILY LAUNDRY	2413 ORLEANS	SSE 0 - 1/8 (0.077 mi.)	G24	27
DAINELS BYRON B	1839 GRATIOT AVE	SSE 0 - 1/8 (0.084 mi.)	G31	30
LONDON LAUNDRY	2711 SAINT AUBIN	ENE 1/8 - 1/4 (0.128 mi.)	J52	43
TANNER GEO F	2711 SAINT AUBIN AVE	ENE 1/8 - 1/4 (0.128 mi.)	J53	43
EATON NETTIE MRS	2731 SAINT AUBIN AVE	ENE 1/8 - 1/4 (0.129 mi.)	J54	43
SIGGERS PROFIT	3009 SAINT AUBIN AVE	ENE 1/8 - 1/4 (0.130 mi.)	K58	44
DURAND SEELEY YOUNGBLOOD CLEAN	2530 SAINT AUBIN AVE	E 1/8 - 1/4 (0.138 mi.)	M60	45
YOUNGBLOOD CLEANERS	2538 SAINT AUBIN AVE	E 1/8 - 1/4 (0.138 mi.)	M61	45
YOUNGBLOOD S CLEANERS AND DYER	2538 SAINT AUBIN	E 1/8 - 1/4 (0.138 mi.)	M62	46
YOUNGBLOOD S CLEANERS AND DYER	2524 SAINT AUBIN AVE	E 1/8 - 1/4 (0.138 mi.)	M64	46
YOUNGBLOOD S CLEANERS AND DYER	2524 SAINT AUBIN	E 1/8 - 1/4 (0.138 mi.)	M65	46
EASTERN HAND LAUNDRY	1591 GRATIOT AVE	S 1/8 - 1/4 (0.170 mi.)	N84	65
HOOKER WILBERT	2236 SAINT AUBIN AVE	SE 1/8 - 1/4 (0.193 mi.)	W99	80
BROADNAX CARRIE MRS	2230 SAINT AUBIN AVE	SE 1/8 - 1/4 (0.196 mi.)	W103	82
SMALLWOOD JAS	2180 GRATIOT AVE	ENE 1/8 - 1/4 (0.202 mi.)	T106	82
SIGGERS PROFIT	2928 DUBOIS	ENE 1/8 - 1/4 (0.217 mi.)	Y113	85
MEYER ABRAM D	1467 GRATIOT AVE	S 1/8 - 1/4 (0.218 mi.)	Z114	85
EMBREY ERNEST	1325 WATSON	WSW 1/8 - 1/4 (0.226 mi.)	AA119	88
HING CHAS	2210 GRATIOT AVE	ENE 1/8 - 1/4 (0.227 mi.)	AB122	90
AND	2822 RIVARD	WSW 1/8 - 1/4 (0.243 mi.)	AF138	99
FREEMAN THOS	2816 RIVARD	WSW 1/8 - 1/4 (0.243 mi.)	AF139	99
FOSTER CYRUS	2803 RIVARD	WSW 1/8 - 1/4 (0.243 mi.)	AF140	99
HOPSON MARY	3414 RIVARD	W 1/8 - 1/4 (0.244 mi.)	143	100
HOOD SAML	2735 RIVARD	WSW 1/8 - 1/4 (0.246 mi.)	AG144	100
BALLAR THOS	2635 RIVARD	WSW 1/8 - 1/4 (0.248 mi.)	AG147	101
BENNETT THE TAILOR	2630 RIVARD	WSW 1/8 - 1/4 (0.248 mi.)	AG148	102

Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

Site Name Database(s)

ST. ANNE'S GATE PROPERTIES DEL SHWS,HWS

MDES (METRO DETROIT ENVRIO SERVICE HWS
CHESAPEAKE PROPERTIES HWS
PORTERFIELDS MARINA VLG HWS

PORTERFIELDS MARINA VLG
FUEL DEVICES

FUEL DEVICES HWS,AIRS
JEFFERSON CONNORS INDUSTRIAL PRO HWS

PORTERFIELD MARINA
UNISYS WORLD HQ DETROIT
MARIA POLISHING & PLATING
FORMER GASOLINE STATIONS
WAYNE STATE UNIVERSITY
NORTH CHRYSLER PLANT
HWS
DEL SHWS,HWS
CERCLIS-NFRAP,FINDS
LUST
LUST
LUST
LUST
LUST

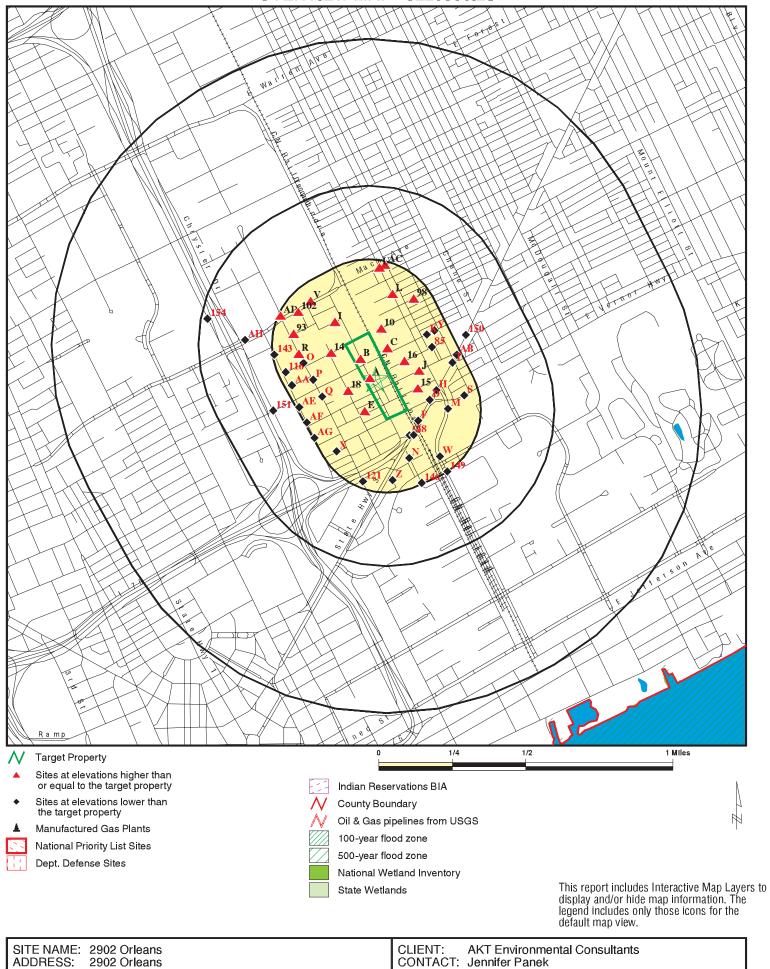
CITY OF DETROIT FIRE DEPARTMENT RCRA-NLR
MI DEPT/TRANSPORTATION RCRA-NLR
CITY OF DETROIT/FIRE DEPT RCRA-NLR
MI DEPT/TRANSPORTATION FINDS RCRA-CESOG

MI DEPT/TRANSPORTATION FINDS,RCRA-CESQG
MI DEPT/TRANSPORTATION FINDS,RCRA-CESQG

ALLEY WEST OF ORLEANS ST, 2 POLES
ORLEANS ST.
ERNS
ERNS
ERNS

BRUSH PARK FRATERNAL CIVIC CENTER BROWNFIELDS

# **OVERVIEW MAP - 3226380.2s**



Detroit MI 48207

42.3497 / 83.0385

LAT/LONG:

December 19, 2011 2:43 pm

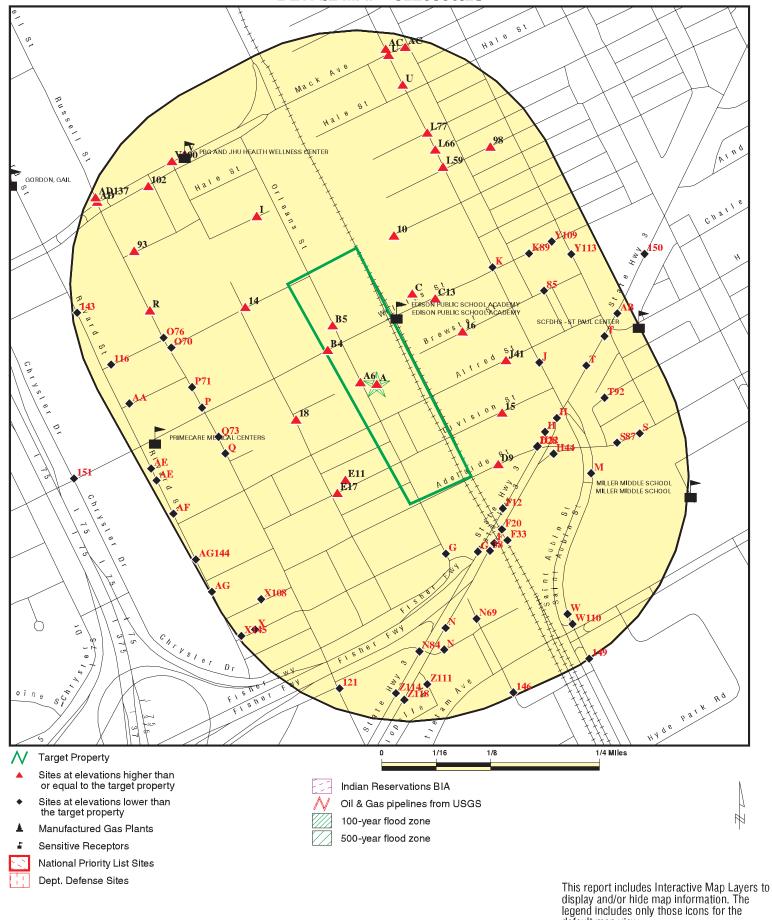
Copyright © 2011 EDR, Inc. © 2010 Tele Atlas Rel. 07/2009.

3226380.2s

INQUIRY #:

DATE:

# **DETAIL MAP - 3226380.2s**



SITE NAME: 2902 Orleans CLIENT: CONTACT: **AKT Environmental Consultants** 2902 Orleans Jennifer Panek Detroit MI 48207 INQUIRY #: 3226380.2s 42.3497 / 83.0385 DATE: December 19, 2011 2:44 pm

ADDRESS:

LAT/LONG:

default map view.

# **MAP FINDINGS SUMMARY**

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMEN	TAL RECORDS							
Federal NPL site list								
NPL Proposed NPL NPL LIENS		1.000 1.000 TP	0 0 NR	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0
Federal Delisted NPL sit	te list							
Delisted NPL		1.000	0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS FEDERAL FACILITY	Χ	0.500 1.000	0 0	0 0	0 0	NR 0	NR NR	0 0
Federal CERCLIS NFRA	P site List							
CERC-NFRAP		0.500	0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS		1.000	0	0	0	0	NR	0
Federal RCRA non-COR	RACTS TSD f	acilities list						
RCRA-TSDF		0.500	0	0	0	NR	NR	0
Federal RCRA generator	rs list							
RCRA-LQG RCRA-SQG RCRA-CESQG	X	0.250 0.250 0.250	0 0 1	0 0 2	NR NR NR	NR NR NR	NR NR NR	0 0 3
Federal institutional cor engineering controls reg								
US ENG CONTROLS US INST CONTROL		0.500 0.500	0 0	0 0	0 0	NR NR	NR NR	0 0
Federal ERNS list								
ERNS		TP	NR	NR	NR	NR	NR	0
State- and tribal - equiva	alent CERCLIS	S						
SHWS		1.000	0	1	0	0	NR	1
State and tribal landfill a solid waste disposal site								
SWF/LF		0.500	0	0	0	NR	NR	0
State and tribal leaking	storage tank l	ists						
LUST INDIAN LUST		0.500 0.500	7 0	11 0	4 0	NR NR	NR NR	22 0
State and tribal register	ed storage tar	nk lists						
UST		0.250	6	13	NR	NR	NR	19

# **MAP FINDINGS SUMMARY**

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST INDIAN UST FEMA UST		0.250 0.250 0.250	0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
State and tribal institution control / engineering co		s						
AUL		0.500	0	1	1	NR	NR	2
State and tribal voluntar	y cleanup site	es						
INDIAN VCP		0.500	0	0	0	NR	NR	0
State and tribal Brownfie	elds sites							
BROWNFIELDS		0.500	1	1	0	NR	NR	2
ADDITIONAL ENVIRONMEN	NTAL RECORDS	<u> </u>						
Local Brownfield lists		0.500	•	4	•	ND	ND	
US BROWNFIELDS	Dallal	0.500	0	1	0	NR	NR	1
Local Lists of Landfill / S Waste Disposal Sites	Solia							
ODI DEBRIS REGION 9 SWRCY HIST LF INDIAN ODI		0.500 0.500 0.500 0.500 0.500	0 0 0 1 0	0 0 0 0	0 0 0 0	NR NR NR NR NR	NR NR NR NR NR	0 0 0 1 0
Local Lists of Hazardou Contaminated Sites	s waste /							
US CDL DEL SHWS CDL US HIST CDL		TP 1.000 TP TP	NR 0 NR NR	NR 0 NR NR	NR 0 NR NR	NR 0 NR NR	NR NR NR NR	0 0 0 0
Local Land Records								
LIENS 2 LUCIS LIENS		TP 0.500 TP	NR 0 NR	NR 0 NR	NR 0 NR	NR NR NR	NR NR NR	0 0 0
Records of Emergency	Release Repo	rts						
HMIRS SPILLS		TP TP	NR NR	NR NR	NR NR	NR NR	NR NR	0 0
Other Ascertainable Red	cords							
RCRA-NonGen DOT OPS DOD FUDS CONSENT ROD		0.250 TP 1.000 1.000 1.000 1.000	4 NR 0 0 0 0	6 NR 0 0 0	NR NR 0 0 0	NR NR 0 0 0	NR NR NR NR NR NR	10 0 0 0 0

# **MAP FINDINGS SUMMARY**

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS	Χ	TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS RADINFO		TP TP	NR NR	NR	NR NR	NR NR	NR	0
FINDS	Χ	TP	NR NR	NR NR	NR NR	NR NR	NR NR	0 0
RAATS	^	TP	NR	NR	NR	NR	NR	0
UIC		TP	NR	NR	NR	NR	NR	0
WDS		TP	NR	NR	NR	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	Ö
NPDES		TP	NR	NR	NR	NR	NR	Ö
AIRS		TP	NR	NR	NR	NR	NR	Ö
BEA		0.500	10	3	0	NR	NR	13
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
FINANCIAL ASSURANCE		TP	NR	NR	NR	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
COAL ASH		0.500	0	0	0	NR	NR	0
EDR PROPRIETARY RECOR	<u>DS</u>							
EDR Proprietary Records								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Station	ıs	0.250	19	40	NR	NR	NR	59
EDR Historical Cleaners		0.250	7	31	NR	NR	NR	38

# NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

Α1 THORNAPPLE VALLEY INC RCRA-CESQG 1004724533 **Target** 2900-02 ORLEANS ST FINDS MIR000005835

DETROIT, MI 48207 **Property** 

Site 1 of 4 in cluster A

RCRA-CESQG: Actual:

624 ft. Date form received by agency: 07/20/1995

Facility name: THORNAPPLE VALLEY INC Facility address: 2900-02 ORLEANS ST

DETROIT, MI 48207

EPA ID: MIR000005835 Contact: JAMES HAMILTON Contact address: 2900-02 ORLEANS ST

DETROIT, MI 48207

Contact country:

Contact telephone: (313) 894-6600 Contact email: Not reported

EPA Region:

Conditionally Exempt Small Quantity Generator Classification:

Description: Handler: generates 100 kg or less of hazardous waste per calendar

month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste: or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from

the cleanup of a spill, into or on any land or water, of acutely

hazardous waste

Owner/Operator Summary:

Owner/operator name: THORN APPLE VALLEY MICH MEATS

Owner/operator address: Not reported Not reported Owner/operator country: Not reported Owner/operator telephone: Not reported Legal status: Private Owner

Owner/Operator Type: Owner/Op start date: 01/01/1970 Owner/Op end date: Not reported

Owner/operator name: THORN APPLE VALLEY MICH MEATS

Owner/operator address: Not reported Not reported

Not reported

Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Operator Owner/Op start date: 01/01/1970 Owner/Op end date: Not reported

Handler Activities Summary:

Owner/operator country:

U.S. importer of hazardous waste:

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

## **THORNAPPLE VALLEY INC (Continued)**

1004724533

Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: Nο Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

> LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET. WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110003690042

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

program staff to track the notification, permit, compliance, and

corrective action activities required under RCRA.

**A2 THORN APPLE VALLEY - ORLEANS** 2900 ORLEANS STREET **Target** 

DETROIT, MI 48207 **Property** 

**CERCLIS** 1001814502 **FINDS** MISFN0507966

Site 2 of 4 in cluster A

CERCLIS: Actual: 624 ft.

Site ID: 0507966 EPA ID: MISFN0507966

Facility County: WAYNE

THORN APPLE VALLEY - ORLE Short Name:

Congressional District: 15 IFMS ID: B5H4 SMSA Number: Not reported USGC Hydro Unit: Not reported

Not a Federal Facility Federal Facility:

DMNSN Number: Not reported Site Orphan Flag: Not reported

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

## THORN APPLE VALLEY - ORLEANS (Continued)

1001814502

RCRA ID: Not reported Not reported USGS Quadrangle:

Site Init By Prog: S

NFRAP Flag: Not reported Parent ID: Not reported Not reported RST Code:

EPA Region: 05

Classification: Not reported Site Settings Code: Not reported NPL Status: Not on the NPL DMNSN Unit Code: Not reported RBRAC Code: Not reported RResp Fed Agency Code: Not reported

Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

20000114 Non NPL Status Date: 26163 Site Fips Code: CC Concurrence Date: Not reported CC Concurrence FY: Not reported Alias EPA ID: Not reported Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):

Contact ID: 5271208.00000 **ROSS POWERS** Contact Name: Contact Tel: Not reported

Contact Title: On-Scene Coordinator (OSC)

Contact Email: Not reported

Contact ID: 5272313.00000 Contact Name: **BRIAN KELLY** Contact Tel: (734) 692-7684

Contact Title: On-Scene Coordinator (OSC)

Contact Email: Not reported

CERCLIS Site Alias Name(s):

Alias ID: 101 Alias Name: **IBP** Alias Address: Not reported

Not reported

Alias Comments: Not reported

Site Description: Possible Brownsfield opportunity. MDQB reported amonia tanks, PCBs, fuel oil,

and abandoned drums in facility. Company bankrupt.

**CERCLIS Assessment History:** 

Action Code: 001 Action: REMOVAL 08/08/2008 Date Started: 08/11/2008 Date Completed: Priority Level: Stabilized Operable Unit: **SITEWIDE** Primary Responsibility: **EPA Fund-Financed** 

Planning Status: Primary Urgency Indicator: Emergency

Action Anomaly: Original Action Take Over

For detailed financial records, contact EDR for a Site Report.:

Direction Distance

Elevation Site Database(s) EPA ID Number

## THORN APPLE VALLEY - ORLEANS (Continued)

1001814502

**EDR ID Number** 

Action Code: 001

Action: Notice Letters Issued

Date Started: Not reported
Date Completed: 12/03/2008
Priority Level: Not reported
Operable Unit: SITEWIDE

Primary Responsibility: Federal Enforcement

Planning Status: Not reported Urgency Indicator: Not reported Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001

Action: UNILATERAL ADMIN ORDER

Date Started:

Date Completed:

Priority Level:

Operable Unit:

Not reported

Not reported

SITEWIDE

Primary Responsibility: Federal Enforcement

Planning Status: Not reported Urgency Indicator: Not reported Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001

Action: POTENTIALLY RESPONSIBLE PARTY EMERGENCY REMOVAL

Date Started: 08/11/2008
Date Completed: 04/11/2009
Priority Level: Stabilized
Operable Unit: SITEWIDE
Primary Responsibility: Responsible Party

Planning Status: Primary
Urgency Indicator: Emergency

Action Anomaly: New Action Resulting from Take Over

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001

Action: POTENTIALLY RESPONSIBLE PARTY REMOVAL

Date Started: 04/01/2009
Date Completed: 07/30/2009
Priority Level: Cleaned up
Operable Unit: SITEWIDE
Primary Responsibility: Responsible Party

Planning Status: Primary
Urgency Indicator: Time Critical
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Click this hyperlink while viewing on your computer to access 60 additional US CERCLIS Financial: record(s) in the EDR Site Report.

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

#### THORN APPLE VALLEY - ORLEANS (Continued)

1001814502

FINDS:

Registry ID: 110009292924

Environmental Interest/Information System

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

**THORN APPLE VALLEY - ORLEANS** 

ICIS 1012121328

N/A

2900 ORLEANS STREET 2900 ORLEANS STREET DETROIT MI 48207 **Target Property** DETROIT, MI 48207

Site 3 of 4 in cluster A

ICIS: Actual:

**A3** 

Enforcement Action ID: 05-2009-1008 624 ft. FRS ID: 110009292924

Program ID: CERCLIS MISFN0507966 Action Name: THORN APPLE VALLEY

Facility Name: THORN APPLE VALLEY - ORLEANS

Facility Address: 2900 ORLEANS STREET 2900 ORLEANS STREET DETROIT MI 48207

DETROIT, Michigan 48207

Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz

Facility County: Wayne EPA Region #: 5

Enforcement Action ID: 05-2009-1008 FRS ID: 110009292924 Program ID: FRS 110009292924 Action Name: THORN APPLE VALLEY

Facility Name: THORN APPLE VALLEY - ORLEANS

Facility Address: 2900 ORLEANS STREET 2900 ORLEANS STREET DETROIT MI 48207

DETROIT, Michigan 48207

Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz

Facility County: Wayne EPA Region #: 5

CERCLIS MISFN0507966 Program ID:

Facility Name: THORN APPLE VALLEY - ORLEANS

Address: 2900 ORLEANS STREET

Tribal Indicator: Ν

Fed Facility: Not reported NAIC Code: Not reported SIC Code: Not reported

Program ID: FRS 110009292924

Facility Name: THORN APPLE VALLEY - ORLEANS

Address: 2900 ORLEANS STREET

Tribal Indicator:

Fed Facility: Not reported NAIC Code: Not reported

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

THORN APPLE VALLEY - ORLEANS (Continued)

SIC Code: Not reported

1009487675 **B4 CANDPGARAGE EDR Historical Auto Stations** N/A

**1572 WILKINS** 

< 1/8 1 ft.

Site 1 of 2 in cluster B

EDR Historical Auto Stations: Relative:

**DETROIT, MI** 

C P GARAGE Name: Higher 1926 Year:

Actual: **AUTOMOBILE GARAGES** Type:

625 ft.

Name: CALCATERRI CHAS

Year: 1931

**AUTOMOBILE GARAGES** Type:

Name: CALCATERRA CHAS P

Year: 1935

**AUTOMOBILE REPAIRING** Type:

Name: C AND P GARAGE

Year: 1940

**AUTOMOBILE GARAGES** Type:

C AND P GARAGE Name:

Year: 1964

Type: AUTOMOBILE REPAIRING

**B5** HIST LF \$100070333 **CENTRAL INCINERATOR** 3101 ORLEANS ST N/A

< 1/8 DETROIT, MI 48207 1 ft.

Site 2 of 2 in cluster B

Historical LF: Relative: 82000049 Facility ID: Higher

**INACTIVE** Status: Actual: Contact: Not reported 625 ft. Facility Phone: Not reported Facility Fax: Not reported

Not reported Facility Type: Not reported Facility Email: Facility is Open: Not reported Facility Type: Incinerator Facility Contact: Not reported

County Code: 82 Facility Number: 000049 Staff: Not reported Active: No

Permit Date: Not reported Permit Number: Not reported

License Date:

License No: Not reported No Waste: Not reported Enforcement: Not reported

1012121328

Direction Distance Elevation

tance EDR ID Number vation Site Database(s) EPA ID Number

#### **CENTRAL INCINERATOR (Continued)**

S100070333

Exp Letters: Not reported Operator Name: Not reported Not reported Operator Contact: Not reported Operator Address: Operator City, St, Zip: Not reported Not reported Operator Telephone: Not reported Operator Fax: Operator Email: Not reported Owner Name: CITY OF DETROIT Owner Contact: Not reported Not reported Attention:

Owner Address: CITY COUNTY BUILDING
Owner City,St,Zip: DETROIT, MI 48226

Owner Telephone: Not reported
Owner Fax: Not reported
Owner Email: Not reported
District: S.E. Michigan

Section: 31

Permit Applicant: DEPT OF PUBLIC WORKS

Permit Applicant Contact: J GARRITY

Permit Applicant Address: CITY COUNTY BUILDING Permit Applicant City,St,Zip: DETROIT, MI 48226

Permit Applicant Phone: Not reported Application Type: Government Liner Information: Not reported Nature of Wastes Allowed: Not reported Township: Not reported Section Number: Not reported Township Section: Not reported Not reported District: Business Type: Not reported County Description: Not reported County 2 Description: Not reported Liner Type: Not reported Not reported Reported Date:

Amount: 0.00 Financial Instrument: Not reported Fund Type: Not reported Issued Date: Not reported Expires: Not reported Expiry: Not reported Licensed: Not reported Comments: Not reported

Date of Expiry of Current License:

Acreage Currently Licensed:

Acres Certified Closed:

Superior Permit Date:

Not reported
0.000

Not reported

Issue of 1st Construction Permit Date: Not reported Acres Given in 1st Construction Permit: 0.000 Issue of 2nd Construction Permit Date: Not reported Acres Given in 2nd Construction Permit: 0.000 Issue of 3rd Construction Permit Date: Not reported Acres Given in 3rd Construction Permit: 0.000 Restrictive Deed Covenant Filed: Not reported Perpetual Care Fund Type: Not reported Perpetual Care Fund Signed: Not reported Perpetual Care Fund Agreement Signed: Not reported Groundwater Monitoring System Exists: Not reported

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**CENTRAL INCINERATOR (Continued)** S100070333

Date landill Certified Closed: Not reported Received Waste on or After Oct. 9, 1991: Not reported Site Monitorable Under Definition of New Rules:Not reported

**ORLEANS, 2900 (FORMER THORNAPPLE VALLEY)** BROWNFIELDS S107135855 Α6 N/A

2900 ORLEANS

< 1/8 **DETROIT, MI** 

1 ft.

Site 4 of 4 in cluster A

**BROWNFIELD:** Relative:

Facility ID: Not reported Higher Region:

Actual: Not reported Status: 625 ft. Not reported Properry Use:

Use at Time of Listing: Not reported

BEA: No

Ernie Id Number: 82001661

**C7 DETROIT EDISON PUBLIC SCHOOL ACADEMY BEA** S105768352 **1903 WILKINS STREET** N/A

**ENE** DETROIT, MI 48207 < 1/8

0.034 mi.

178 ft. Site 1 of 3 in cluster C

Relative:

BEA:

Secondary Address: 3007-3031 St. Aubin & 3103-3127 St. Aubin Higher

BEA Number: 1888 Actual: District: Southeast MI

626 ft. Date Received: 12/12/2002 12:59:00 AM Submitter Name: Produce Palace Properties, LLC

> Petition Determination: Pending Petition Disclosure:

No Hazardous Substance(s) Category:

Determination 20107A: No Request Reviewer: novake

Division Assigned: **Environmental Response Division** 

Secondary Address: Not reported BEA Number: 2693 District: Southeast MI

Date Received: 2/28/2005 12:59:00 AM

Submitter Name: Detroit Edison Public School Academy

Petition Determination: Affirmed

Petition Disclosure:

Category: Different Hazardous Substance(s)

Determination 20107A: No Request Reviewer: novake

Division Assigned: **Environmental Response Division** 

Direction Distance

Distance EDR ID Number

Elevation Site EDA ID Number

C8 BEA S106096548
ENE 1903 WILKINS, 1995 WILKINS, 3007-3031 ST N/A

ENE 1903 WILKINS, 1995 WILKINS, 3007-3031 ST < 1/8 DETROIT, MI 48207

0.034 mi.

178 ft. Site 2 of 3 in cluster C

Relative: BEA:

Higher Secondary Address:

BEA Number: 2167

Actual: District: Southeast MI 626 ft. Date Received: 10/16/2003 13

**Date Received:** 10/16/2003 12:59:00 AM Submitter Name: 1903 Wilkins LLC

Petition Determination: No Request

Petition Disclosure: 0

Category: No Hazardous Substance(s)

Determination 20107A: No Request Reviewer: novake

Division Assigned: Environmental Response Division

Aubin, 3103-3127 St. Aubin

D9 CHICAGO BEEF CO RCRA-NonGen 1000866393
ENE 1939 ADELAIDE ST FINDS MID985665504
< 1/8 DETROIT, MI 48207

0.034 mi.

181 ft. Site 1 of 2 in cluster D

Relative: RCRA-NonGen:

Higher Date form received by agency: 01/01/1999

Facility name: CHICAGO BEEF CO Facility address: 1939 ADELAIDE ST

Actual: Facility address: 1939 ADELAIDE ST DETROIT, MI 48207

EPA ID: MID985665504
Contact: CHRIS BASKIS
Contact address: 1939 ADELAIDE ST
DETROIT, MI 48207

Contact country: US

Contact telephone: (313) 567-0850

Contact email: Not reported

EPA Region:

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: DASKAS CHRIST Owner/operator address: Not reported

Owner/operator country:

Owner/operator telephone:

Legal status:

Owner/Operator Type:

Owner

Owner/Op start date: 08/01/1999 Owner/Op end date: Not reported

Owner/operator name: DASKAS MARY ANNA

Owner/operator address: Not reported

Not reported

Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator

Direction Distance

Elevation Site Database(s) EPA ID Number

#### **CHICAGO BEEF CO (Continued)**

1000866393

**EDR ID Number** 

Owner/Op start date: 08/01/1999
Owner/Op end date: Not reported

Owner/operator name: DASKAS MARY ANNA

Owner/operator address: Not reported Not reported

Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 08/01/1999

Owner/operator name: DASKAS CHRIST Owner/operator address: Not reported

Not reported

Not reported

Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 08/01/1999
Owner/Op end date: Not reported

#### Handler Activities Summary:

Owner/Op end date:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

#### Historical Generators:

Date form received by agency: 08/19/1993

Facility name: CHICAGO BEEF CO
Classification: Small Quantity Generator

Date form received by agency: 01/01/1992

Facility name: CHICAGO BEEF CO
Classification: Small Quantity Generator

Date form received by agency: 01/01/1980

Facility name: CHICAGO BEEF CO
Classification: Not a generator, verified

# Hazardous Waste Summary:

Waste code: D00

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

### **CHICAGO BEEF CO (Continued)**

1000866393

N/A

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110003685307

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

program staff to track the notification, permit, compliance, and

corrective action activities required under RCRA.

**DETROIT MARKET GARDEN** BEA S110482930

**ENE** 1850 ERSKINE < 1/8 DETROIT, MI 48207

0.045 mi. 237 ft.

10

BEA: Relative:

Higher

BEA Number: 4477

Actual: District: Southeast MI 624 ft.

Secondary Address:

Date Received: 6/28/2010 12:59:00 AM The Greening of Detroit Submitter Name:

Petition Determination: No Request

Petition Disclosure:

Category: No Hazardous Substance(s)

Not reported

Determination 20107A: No Request Reviewer: thorntop Division Assigned: RRD

**CASTIGLIONE CARMEN S** 1009487509 E11 **EDR Historical Auto Stations** N/A

wsw 1525 DIVISION < 1/8 **DETROIT, MI** 

0.051 mi.

271 ft. Site 1 of 2 in cluster E

**EDR Historical Auto Stations:** Relative:

CASTIGLIONE LEONARD Name: Higher

Year:

Actual: Type: GASOLINE AND OIL SERVICE STATIONS 627 ft.

Name: CASTIGLIONE CARMEN S Year: 1940

GASOLINE AND OIL SERVICE STATIONS Type:

Direction Distance

Elevation Site Database(s) EPA ID Number

< 1/8 0.052 mi.

274 ft. Site 1 of 5 in cluster F

DETROIT, MI 48207

Relative: LUST:

Lower Facility ID: 00036727

Source: STATE OF MICHIGAN

Actual: Owner Name: Jemmica Inc 619 ft. Owner Address: Non Responsiv

Owner City,St,Zip:
Owner Contact:
Owner Phone:

Country: USA

District: SE Michigan District Office
Site Name: Chicago Beef Company

Latitude: 42.3473300000 Longitude: -83.0361190000 Date of Collection: 01/11/2001

Method of Collection: Address Matching-House Number

Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83

Point Line Area: NAD83

POINT

Desc Category: Plant Entrance (Freight)

Leak Number:C-2267-92Release Date:12/18/1992Substance Released:GasolineRelease Status:OpenRelease Closed Date:Not reported

UST:

Facility ID: 00036727
Facility Type: CLOSED
Latitude: 42.3473300
Longitude: -83.0361190
Owner Name: JEMMICA INC

Owner Address: Non Responsive Owner City, St, Zip:

Owner Country:
Owner Contact:
Owner Phone:
Contact:
Contact:
Contact Phone:

Not reported
Non Responsive
MICHAEL ARETAKIE
(313) 567-0850

Date of Collection: 01/11/2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83

Source: STATE OF MICHIGAN

Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Tank ID: 1

Tank Status: Removed from Ground

Capacity: 3000
Install Date: Not reported
Product: Gasoline

**EDR ID Number** 

**AIRS** 

Direction Distance

Elevation Site Database(s) EPA ID Number

JEMMICA INC (Continued) U001148129

Remove Date: 12/19/1992
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel,Unknown
Piping Type: Suction: No Valve At Tank

Constr Material: Asphalt Coated or Bare Steel, Unknown

Impressed Device: No

Tank ID: 2

Tank Status: Removed from Ground

Capacity: 1000 Install Date: Not reported Product: Gasoline 07/28/1994 Remove Date: Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Unknown Piping Type: Not reported Constr Material: Unknown Impressed Device: No

AIRS:

1992 El Year: A6885 State Registration Number: Naics Code: Not reported Not reported Contact Name: Contact Phone: Not reported Contact Address: Not reported Not reported Contact City, St, Zip: Permit Number: Not reported Date Received: Not reported A6885 State Registration Number:

Not reported Country: Application Reason: Not reported Record Type: Not reported State County FIPS: Not reported Facility Category: Not reported SIC Primary: 2011 Tribal Code: Not reported Not reported Supplemental Location Text: Dun & Brad Street Number: Not reported Business Name: **SWIFT & COMPANY** 

Principal Product: Not reported Principal Product Description: Not reported

UTM Zone (Geo Coordinates Universal Transverse Mercator System): Not reported

**UTM Horizontal Coord:** Not reported **UTM Vertical Coord:** Not reported Mailing Name: Not reported Mailing Contact Person: Not reported Mailing Street: Not reported Mailing City: Not reported Mailing State: Not reported Mailing Zip: Not reported Mailing Zip 4 Extension: Not reported Compliance Person: Not reported Compliance Area Code: Not reported **EDR ID Number** 

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

JEMMICA INC (Continued) U001148129

Compliance Phone Number: Not reported

Emission Inventory Contact Person: EUGENE A RUMBLE

El Contact Area Code: 313
El Contact Phone Number: 5676210
Permit Contact Person: Not reported
Permit Contact Person Area Code: Not reported
Permit Contact Person Phone Number: Not reported
Federal Employer Id Number: 361848190

# Of Employees: 23 Reporting Year: 80

Date Record Was Created: Not reported

C13 BEA S106802620

ENE 1980 - 2000 WILKINS STREET N/A

< 1/8 DETROIT, MI

0.055 mi.

290 ft. Site 3 of 3 in cluster C

Relative: BEA:

Higher

Secondary Address: Not reported
BEA Number: 2646

District: Canada No. 100 Per 100 Per

Actual: District: Southeast MI 625 ft. Date Received: 1/18/2005 12:

Date Received: 1/18/2005 12:59:00 AM
Submitter Name: 2001 Brewster Associates, LLC

Petition Determination: Pending

Petition Disclosure: 1

Category: No Hazardous Substance(s)

Determination 20107A: No Request Reviewer: novake

Division Assigned: Environmental Response Division

14 CITY OF DETROIT WATER & SEWERAGE DEPT RCRA-NonGen 1000888119
WSW 1555 ERSKINE ST FINDS MI0000198663

WSW 1555 ERSKINE ST < 1/8 DETROIT, MI 48207

0.055 mi.

292 ft.

Relative: RCRA-NonGen:

Higher Date form received by agency: 09/17/1998

Facility name: CITY OF DETROIT WATER & SEWERAGE DEPT

Actual: Facility address: 1555 ERSKINE ST

624 ft.

DETROIT, MI 48207 EPA ID: MI0000198663

Mailing address: 65 CADILLAC SQ
DETROIT, MI 48226
Contact: ROY GOPAL

Contact address: 1555 ERSKINE ST
DETROIT, MI 48207

Contact country: US

Contact telephone: (313) 224-2104 Contact email: Not reported

EPA Region: 05

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

**LUST** 

UST

Direction Distance Elevation

ion Site Database(s) EPA ID Number

## CITY OF DETROIT WATER & SEWERAGE DEPT (Continued)

1000888119

**EDR ID Number** 

Owner/Operator Summary:

Owner/operator name: DETROIT WATER AND SEWERAGE DEPT

Owner/operator address: Not reported

Not reported

Owner/operator country: Not reported Owner/operator telephone: Not reported Legal status: Municipal Owner/Operator Type: Operator Owner/Op start date: 01/01/1970 Owner/Op end date: Not reported

Owner/operator name: DETROIT WATER AND SEWERAGE DEPT

Owner/operator address:

Owner/operator country:

Owner/operator telephone:
Legal status:
Owner/Operator Type:

Not reported
Not reported
Municipal
Owner
Owner

Owner/Operator Type: Owner
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: Nο Transporter of hazardous waste: Nο Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Historical Generators:

Date form received by agency: 04/04/1994

Facility name: CITY OF DETROIT WATER & SEWERAGE DEPT

Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

Direction Distance Elevation

ance EDR ID Number
vation Site Database(s) EPA ID Number

#### CITY OF DETROIT WATER & SEWERAGE DEPT (Continued)

1000888119

FINDS:

Registry ID: 110003563607

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

corrective action activities required under RCRA.

LUST:

Facility ID: 00017203

Source: STATE OF MICHIGAN
Owner Name: City of Detroit (GSD)
Owner Address: Non Responsive

Owner City,St,Zip:

Owner Contact: Brad Dick (Deputy Director)

Owner Phone: Not reported

Country: USA

District: SE Michigan District Office
Site Name: Detroit Water & Sewage Dept- Ers

Latitude: 42.3512190000 Longitude: -83.0413540000

Date of Collection: 01/11/2001
Method of Collection: Address Matching-House Number

Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Leak Number:C-2181-90Release Date:10/25/1990Substance Released:Not reportedRelease Status:ClosedRelease Closed Date:06/14/1993

UST:

 Facility ID:
 00017203

 Facility Type:
 CLOSED

 Latitude:
 42.3512190

 Longitude:
 -83.0413540

Owner Name: CITY OF DETROIT (GSD)

Owner Address: Non Responsive

Owner Country:

Owner Country: USA

Owner Contact: Brad Dick (Deputy Director)

Owner Phone: Not reported
Contact: Raymond Scott
Contact Phone: (313) 471-5108
Date of Collection: 01/11/2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83

Direction Distance

Elevation Site Database(s) EPA ID Number

## CITY OF DETROIT WATER & SEWERAGE DEPT (Continued)

1000888119

**EDR ID Number** 

Source: STATE OF MICHIGAN

Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Tank ID:

Tank Status: Removed from Ground

Capacity: 10000
Install Date: 05/05/1965
Product: Gasoline
Remove Date: 06/10/1991
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported

Piping Material: Cathodically Protected

Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel, Cathodically Protected Steel

Impressed Device: No

Tank ID: 2

Tank Status: Removed from Ground

Capacity: 10000
Install Date: 05/05/1965
Product: Gasoline
Remove Date: 06/10/1991
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported

Piping Material: Cathodically Protected

Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel, Cathodically Protected Steel

Impressed Device: No

Tank ID:

Tank Status: Removed from Ground

Capacity: 2500
Install Date: 05/05/1965
Product: Diesel
Remove Date: 06/10/1991
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported

Piping Material: Cathodically Protected

Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel, Cathodically Protected Steel

Impressed Device: No

Tank ID: 4

Tank Status: Removed from Ground

Capacity: 500
Install Date: 05/05/1978
Product: Kerosene
Remove Date: 06/10/1991
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported

Piping Material: Cathodically Protected

Piping Type: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

## CITY OF DETROIT WATER & SEWERAGE DEPT (Continued)

1000888119

**EDR ID Number** 

Constr Material: Asphalt Coated or Bare Steel, Cathodically Protected Steel

Impressed Device: No

Tank ID:

Tank Status: Removed from Ground

Capacity: 20000
Install Date: 05/05/1965
Product: Heating Fuel Oil
Remove Date: 03/20/2008
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported

Piping Material: Cathodically Protected

Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel, Cathodically Protected Steel

Impressed Device: No

Tank ID: 6

Tank Status: Removed from Ground

Capacity: 20000
Install Date: 05/05/1965
Product: Heating Fuel Oil
Remove Date: 03/20/2008
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported

Piping Material: Cathodically Protected

Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel, Cathodically Protected Steel

Impressed Device: No

Tank ID: 7

Tank Status: Removed from Ground

Capacity: 250
Install Date: 05/06/1971
Product: Used Oil
Remove Date: 06/10/1991
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel, Cathodically Protected Steel

Impressed Device: No

 15
 UNISOURCE FOOS CORP
 UST
 U004181125

 ENE
 2000 DIVISION ST
 N/A

< 1/8 DETROIT, MI 48207

0.065 mi. 342 ft.

Relative: UST 2:

Higher Owner Name: OWNER ADDRESS UNKNOWN

Owner Address: Not reported

Actual: Active Tanks: 1

626 ft.

Direction Distance

Elevation Site Database(s) EPA ID Number

16 FORMER MEAT HOUSE REALTY PACKING PLANT LUST \$102723094 ENE 2001 BREWSTER BEA N/A

ENE 2001 BREWSTER < 1/8 DETROIT, MI 48207

0.066 mi. 348 ft.

Relative: LUST:

Higher Facility ID: 50000762

Source: STATE OF MICHIGAN

Actual: Owner Name: Nrt Owner 625 ft. Owner Address: Unknown

Owner City,St,Zip: Unknown, MI 99999
Owner Contact: Not reported
Owner Phone: Not reported

Country: USA

District: SE Michigan District Office
Site Name: Dave Miller-2001 Brewster

Latitude: 42.3505630000 Longitude: -83.0371940000 Date of Collection: 01/11/2001

Method of Collection: Address Matching-House Number

Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Leak Number:C-0510-91Release Date:03/29/1991Substance Released:Not reportedRelease Status:ClosedRelease Closed Date:05/03/1993

BEA:

Secondary Address: Not reported BEA Number: 2123

District: Southeast MI

Date Received: 9/8/2003 12:59:00 AM
Submitter Name: 2001 Brewster Associates LLC

Petition Determination: Affirmed

Petition Disclosure:

Category: Different Hazardous Substance(s)

Determination 20107A: No Request Reviewer: novake

Division Assigned: Environmental Response Division

E17 PETTWAY QUILL EDR Historical Auto Stations 1009487520 WSW 1526 DIVISION N/A

< 1/8 DETROIT, MI

0.066 mi.

351 ft. Site 2 of 2 in cluster E

Relative: EDR Historical Auto Stations:

Higher Name: PETTWAY QUILL

Year: 1940

Actual: Type: AUTOMOBILE REPAIRING

625 ft.

TC3226380.2s Page 25

**EDR ID Number** 

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

18 **GUZZARDO INVESTMENT CO** UST U004181840 N/A

**WSW 2888 RIOPELLE ST** DETROIT, MI 48207 < 1/8

0.067 mi. 355 ft.

UST 2: Relative:

Owner Name: OWNER ADDRESS UNKNOWN Higher

Owner Address: Not reported 2

Actual: Active Tanks: 624 ft.

G19 PROTECTIVE LAUNDRY CO **EDR Historical Cleaners** 1009479027

SSE **2423 ORLEANS** < 1/8 **DETROIT, MI** 

0.069 mi.

364 ft. Site 1 of 11 in cluster G

**EDR Historical Cleaners:** Relative:

Name: PROTECTIVE LAUNDRY CO Lower

Year: 1921

Actual: LAUNDRIES Type: 621 ft.

F20 **GRATIOT WATERLOO STANDARD SERVICE EDR Historical Auto Stations** 1009488715 N/A

SSE 1900 GRATIOT AVE

DETROIT, MI < 1/8

0.070 mi.

372 ft. Site 2 of 5 in cluster F

EDR Historical Auto Stations: Relative:

**BULK STATIONS INC** Name: Lower

Year:

Actual: GASOLINE AND OIL SERVICE STATIONS Type: 614 ft.

BULK STATIONS INC BR Name:

Year: 1935

GASOLINE AND OIL SERVICE STATIONS Type:

**BULK STATIONS INC** Name:

Year: 1940

GASOLINE AND OIL SERVICE STATIONS Type:

Name: DOWNTOWN STANDARD

Year: 1964

**GASOLINE STATIONS** Type:

Name: **GRATIOT WATERLOO STANDARD SERVICE** 

Year: 1970

Type: **GASOLINE STATIONS** 

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

G21 PROTECTIVE STEAM LAUNDRY **EDR Historical Cleaners** 1009479019

SSE **2417 ORLEANS AVE** 

**DETROIT, MI** < 1/8

0.074 mi.

Site 2 of 11 in cluster G 391 ft. **EDR Historical Cleaners:** Relative:

Lower Name: PROTECTIVE STEAM LAUNDRY

> Year: 1926

Actual: Type: **LAUNDRIES** 

621 ft.

**EDR Historical Cleaners** 

G22 PROTECTIVE LAUNDRY CO

SSE 2417 ORLEANS < 1/8 **DETROIT, MI** 

0.074 mi.

391 ft. Site 3 of 11 in cluster G **EDR Historical Cleaners:** 

Relative: PROTECTIVE LAUNDRY CO Name: Lower

> Year: 1921

Actual: Type: **LAUNDRIES** 

621 ft.

**EDR Historical Cleaners** 1009479011

G23 PROTECTIVE STEAM LAUNDRY

**2413 ORLEANS AVE** SSE < 1/8 **DETROIT, MI** 

0.077 mi.

409 ft. Site 4 of 11 in cluster G EDR Historical Cleaners: Relative:

PROTECTIVE STEAM LAUNDRY Name: Lower

Year: 1926

Actual: **LAUNDRIES** Type:

621 ft.

G24 **CRYSTAL FAMILY LAUNDRY EDR Historical Cleaners** 1009479010 N/A

SSE 2413 ORLEANS **DETROIT, MI** < 1/8

0.077 mi.

409 ft. Site 5 of 11 in cluster G **EDR Historical Cleaners:** Relative:

Name: CRYSTAL FAMILY LAUNDRY Lower

> Year: 1931

Actual: LAUNDRIES-HAND Type: 621 ft.

LUST U003426457 IXC COMMUNICATIONS SERV INC

F25

SSE **1860 GRATIOT AVE** < 1/8 DETROIT, MI 48207

0.081 mi.

Actual:

426 ft. Site 3 of 5 in cluster F

LUST: Relative:

Facility ID: 00039893 Lower

Source: STATE OF MICHIGAN Owner Name: Ixc Communications Serv Inc

611 ft. Owner Address: N/A

UST

N/A

1009479018

N/A

Direction Distance

Elevation Site Database(s) EPA ID Number

# IXC COMMUNICATIONS SERV INC (Continued)

Non Responsive

Owner Contact: Not reported

Non Responsive

Country: USA

Owner City, St, Zip:

District: SE Michigan District Office
Site Name: Ixc Gratiot Street Terminal

Latitude: 42.3467420000 Longitude: -83.0361420000 Date of Collection: 01/11/2001

Method of Collection: Address Matching-House Number

Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Leak Number: C-1133-98
Release Date: 11/10/1998
Substance Released: Diesel
Release Status: Closed
Release Closed Date: 08/05/1999

UST:

 Facility ID:
 00039893

 Facility Type:
 CLOSED

 Latitude:
 42.3467420

 Longitude:
 -83.0361420

Owner Name: IXC COMMUNICATIONS SERV INC

USA

Owner Address:
Owner City,St,Zip:

Owner Country:
Owner Contact:

Owner Contact: Not reported
Owner Phone: Non Responsi

Contact: GLENN ABEL
Contact Phone: (512) 742-1475
Date of Collection: 01/11/2001
Accuracy: 100
Accuracy Value Unit: FEET

Horizontal Datum: NAD83

Source: STATE OF MICHIGAN

Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Tank ID: 1

Tank Status: Removed from Ground

Capacity: 5000
Install Date: Not reported
Product: Gasoline
Remove Date: 11/05/1999
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported

Piping Material: Bare Steel, Galvanized Steel
Piping Type: Suction: No Valve At Tank
Constr Material: Asphalt Coated or Bare Steel

Impressed Device: No

U003426457

**EDR ID Number** 

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

F26 **MARKET OIL CO EDR Historical Auto Stations** 1009488633

SSE **1860 GRATIOT AVE DETROIT, MI** < 1/8

0.081 mi.

426 ft. Site 4 of 5 in cluster F

**EDR Historical Auto Stations:** Relative:

MARKET OIL CO Name: Lower

Year: 1940

Actual: Type: GASOLINE AND OIL SERVICE STATIONS

611 ft.

**EDR Historical Auto Stations** 1009488600

EAST SIDE STUDEBAKER SERVICE STATION **G27** 

**1845 GRATIOT AVE SSE** < 1/8 **DETROIT, MI** 

0.082 mi.

432 ft. Site 6 of 11 in cluster G

**EDR Historical Auto Stations:** Relative:

EAST SIDE STUDEBAKER SERVICE STATION Name: Lower

> Year: 1921

Actual: AUTOMOBILE REPAIRING Type:

611 ft.

**ENE** 

**D28 DEROCHE ALBERT J EDR Historical Auto Stations** 1009488864

**1935 GRATIOT AVE** < 1/8 **DETROIT, MI** 

0.083 mi.

438 ft. Site 2 of 2 in cluster D

**EDR Historical Auto Stations:** Relative:

DEROCHE ALBERT J Name: Lower

Year: 1935

Actual: GASOLINE AND OIL SERVICE STATIONS Type: 623 ft.

G29 **BROADWAY MARKET CORNED BEEF CO** LUST S102405193

SSE **1841 GRATIOT AVE** DETROIT, MI 48207

< 1/8 0.083 mi.

439 ft. Site 7 of 11 in cluster G

LUST: Relative:

Facility ID: 50000935 Lower

Source: STATE OF MICHIGAN

Actual: Owner Name: Nrt Owner 612 ft. Owner Address: Unknown

> Owner City, St, Zip: Unknown, MI 99999 Owner Contact: Not reported Owner Phone: Not reported

Country: USA

District: SE Michigan District Office Site Name: Broadway Market Corned Beef Co

42.3467330000 Latitude: -83.0365760000 Longitude: Date of Collection: 01/11/2001

Method of Collection: Address Matching-House Number

Accuracy: 100 Accuracy Value Unit: **FEET** Horizontal Data: NAD83 N/A

N/A

N/A

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**BROADWAY MARKET CORNED BEEF CO (Continued)** S102405193

Point Line Area: **POINT** 

Desc Category: Plant Entrance (Freight)

Leak Number: C-1691-91 Release Date: 08/14/1991 Substance Released: Unknown Release Status: Closed Release Closed Date: 12/22/1993

G30 EAST SIDE STUDEBAKER SERVICE STATION 1009488581 **EDR Historical Auto Stations** 

SSE **1839 GRATIOT AVE** N/A

**DETROIT, MI** < 1/8

0.084 mi.

442 ft. Site 8 of 11 in cluster G

**EDR Historical Auto Stations:** Relative:

Name: EAST SIDE STUDEBAKER SERVICE STATION Lower

Year:

Actual: Type: AUTOMOBILE REPAIRING

612 ft.

G31 **DAINELS BYRON B EDR Historical Cleaners** 1009478085

**1839 GRATIOT AVE** SSE N/A

< 1/8 **DETROIT, MI** 

0.084 mi.

442 ft. Site 9 of 11 in cluster G **EDR Historical Cleaners:** Relative:

DAINELS BYRON B Lower Name:

Year: 1926

Actual: Type: **CLEANERS AND DYERS** 

612 ft.

H32 **ANTHONY S SINCLAIR SERVICE** 1009488872 **EDR Historical Auto Stations** N/A

**ENE 1937 GRATIOT AVE** 

< 1/8 **DETROIT, MI** 

0.084 mi.

443 ft. Site 1 of 11 in cluster H

EDR Historical Auto Stations: Relative:

Name: NATE S SERVICE Lower

Year: 1940 Actual:

GASOLINE AND OIL SERVICE STATIONS Type: 623 ft.

Name: ANTHONY S SINCLAIR SERVICE

Year: 1964 **GASOLINE STATIONS** Type:

Name: ANTHONY S SINCLAIR SERVICE

Year: 1970

Type: **GASOLINE STATIONS** 

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

F33 MI DEPT/TRANSPORTATION RCRA-CESQG 1001214578
SSE I 94 UNDER M 3 (GRATIOT) FINDS MIR000028902

< 1/8 DETROIT, MI 48231

0.084 mi.

Actual:

614 ft.

446 ft. Site 5 of 5 in cluster F

Relative: RCRA-CESQG:

**Lower** Date form received by agency: 12/31/2001

Facility name: MI DEPT/TRANSPORTATION
Facility address: I 94 UNDER M 3 (GRATIOT)

DETROIT, MI 48231

EPA ID: MIR000028902

Mailing address: 723 ROSA PARKS BLVD

DETROIT, MI 48216 GARY BEASLEY

Contact: GARY BEASLEY
Contact address: I 94 UNDER M 3 (GRATIOT)

DETROIT, MI 48231

Contact country: US

Contact telephone: (517) 241-0085 Contact email: Not reported

EPA Region: 05

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar

month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of

any residue or contaminated soil, waste or other debris resulting from

the cleanup of a spill, into or on any land or water, of acutely

hazardous waste

Owner/Operator Summary:

Owner/operator country:

Owner/operator name: MICH DEPT OF TRANSPORTATION

Owner/operator address: Not reported Not reported Owner/operator country: Not reported

Owner/operator country.

Owner/operator telephone:

Legal status:

Owner/Operator Type:

Owner/Op start date:

Owner/Op end date:

Not reported

Not reported

Not reported

Not reported

Not reported

Not reported

Owner/operator name: MICH DEPT OF TRANSPORTATION

Owner/operator address: Not reported

Not reported Not reported

Owner/operator telephone: Not reported Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1958
Owner/Op end date: Not reported

Map ID MAP FINDINGS
Direction

Distance Elevation Site

Site Database(s) EPA ID Number

# MI DEPT/TRANSPORTATION (Continued)

1001214578

**EDR ID Number** 

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: Nο Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

**Historical Generators:** 

Date form received by agency: 12/01/1997

Facility name: MI DEPT/TRANSPORTATION Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110007591855

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

corrective action activities required under RCRA.

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

134 **EDIBLES REX RCRA-NonGen** 1007095904 NNW **1825 SCOTT ST** MIK117668558

DETROIT, MI 48207 < 1/8

0.086 mi.

453 ft. Site 1 of 4 in cluster I

Relative: Higher

Actual:

624 ft.

RCRA-NonGen: Date form received by agency: 02/19/2010

Facility name: **EDIBLES REX** Facility address: 1825 SCOTT ST

DETROIT, MI 48207

EPA ID: MIK117668558 Mailing address: 5555 CONNOR ST

DETROIT, MI 48213 KAREN RACHWAL

Contact: Contact address: 1825 SCOTT ST DETROIT, MI 48207

Contact country: US

(313) 922-3000 Contact telephone: Contact email: Not reported

EPA Region: 05

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

**EDIBLES REX** Owner/operator name: Owner/operator address: Not reported

Not reported Not reported

Owner/operator country: Owner/operator telephone: Not reported Legal status: Private Operator Owner/Operator Type: 01/02/2010 Owner/Op start date: Owner/Op end date: Not reported

**EDIBLES REX** Owner/operator name: Owner/operator address: Not reported Not reported

Owner/operator country: Not reported Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Owner 01/02/2010 Owner/Op start date: Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No No Treater, storer or disposer of HW: Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**EDIBLES REX (Continued)** 1007095904

Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

**Historical Generators:** 

Date form received by agency: 08/15/2001 Facility name: **EDIBLES REX** 

Classification: Not a generator, verified

Date form received by agency: 01/01/1980 Facility name: **EDIBLES REX** 

Classification: Not a generator, verified

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

> LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

135 **EDIBLES REX MANAGEMENT SERVICES BEA** S110482937 N/A

NNW **1825 SCOTT STREET** DETROIT, MI 48207 < 1/8

0.086 mi.

453 ft. Site 2 of 4 in cluster I

Relative:

Not reported Secondary Address: Higher BEA Number: 4499

Actual: District: Southeast MI

624 ft. Date Received: 7/22/2010 12:59:00 AM

> Submitter Name: **Edibles Rex Management Services**

Petition Determination: No Request

Petition Disclosure:

Category: No Hazardous Substance(s)

Determination 20107A: No Request Reviewer: thorntop Division Assigned: RRD

136 BEA S110482938 EDIBLES REX, INC. NNW **1825 SCOTT STREET** N/A

< 1/8 DETROIT, MI 48207

0.086 mi.

453 ft. Site 3 of 4 in cluster I

BEA: Relative:

Secondary Address: Not reported Higher BEA Number: 4500

Actual: District: Southeast MI

624 ft. Date Received: 7/22/2010 12:59:00 AM

Submitter Name: Edibles Rex, Inc.

Direction Distance

Distance EDR ID Number
Elevation Site EDR ID Number

EDIBLES REX, INC. (Continued) S110482938

Petition Determination: No Request

Petition Disclosure: 0

Category: No Hazardous Substance(s)

Determination 20107A: No Request Reviewer: thorntop Division Assigned: RRD

137 THOMA PROPERTIES BEA S110483086

NNW 1825 SCOTT STREET < 1/8 DETROIT, MI 48207

0.086 mi.

453 ft. Site 4 of 4 in cluster I

Relative:

BEA:

Higher Secondary Address: Not reported

BEA Number: 4498

Actual: District: Southeast MI

624 ft. Date Received: 7/22/2010 12:59:00 AM Submitter Name: Thoma Properties, LLC

Petition Determination: Affirmed
Petition Disclosure: 1

Category: No Hazardous Substance(s)

Determination 20107A: No Request Reviewer: thorntop Division Assigned: RRD

38 JAY SERVICE STATION EDR Historical Auto Stations 1009488415

SSE 1800 GRATIOT AVE

< 1/8 DETROIT, MI

0.087 mi. 458 ft.

Relative: EDR Historical Auto Stations:

Lower Name: JAY SERVICE STATION

Year: 1940

Actual: Type: GASOLINE AND OIL SERVICE STATIONS 611 ft.

\_\_\_\_\_

G39 GORDON AND ANSHUTZ EDR Historical Auto Stations
SSE 1819 GRATIOT AVE

< 1/8 DETROIT, MI

0.089 mi.

468 ft. Site 10 of 11 in cluster G

Relative: EDR Historical Auto Stations:

**Lower** Name: GORDON AND ANSHUTZ

Year: 1921

Actual: Type: AUTOMOBILE REPAIRING 614 ft.

N/A

N/A

1009488522

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

G40 **GORDON AND ANSHUTZ EDR Historical Auto Stations** 1009488517 SSE

**1817 GRATIOT AVE** N/A

**DETROIT, MI** < 1/8

0.089 mi.

468 ft. Site 11 of 11 in cluster G

**EDR Historical Auto Stations:** Relative:

**GORDON AND ANSHUTZ** Lower

Year: 1921 Actual:

Type: AUTOMOBILE REPAIRING 614 ft.

**EDR Historical Cleaners** 1009478350 N/A

J41 **SMITHERS HENRY ENE 1985 ALFRED** 

< 1/8 **DETROIT, MI** 

0.096 mi.

505 ft. Site 1 of 6 in cluster J

**EDR Historical Cleaners:** Relative: SMITHERS HENRY Name:

Higher Year: 1931

Actual: Type: **CLOTHES PRESSERS AND CLEANERS** 

625 ft.

MEURER SERVICE STATION BR **EDR Historical Auto Stations** 1009488952 H42

1965 GRATIOT AVE **ENE** N/A

**DETROIT, MI** < 1/8

0.096 mi.

507 ft. Site 2 of 11 in cluster H

**EDR Historical Auto Stations:** Relative:

PERFECTION BRAKE AND SERVICE CO Name: Lower

Year: 1926

Actual: **AUTOMOBILE GARAGES** Type: 622 ft.

MEURER SERVICE STATION BR Name:

Year: 1935

GASOLINE AND OIL SERVICE STATIONS Type:

**EDR Historical Auto Stations** 1009488957 H43 **SINCLAIR REFINING CO** 

**ENE 1967 GRATIOT AVE** < 1/8 **DETROIT, MI** 

0.097 mi.

Site 3 of 11 in cluster H 512 ft.

EDR Historical Auto Stations: Relative:

Name: SINCLAIR REFINING CO Lower

> Year: 1926

Actual: Type: GASOLINE SERVICE STATIONS

622 ft.

Direction Distance

Elevation Site Database(s) EPA ID Number

H44 JOE S TOWING SERVICE EDR Historical Auto Stations 1009488123
ENE 1710 VERNOR HWY N/A

ENE 1710 VERNOR HWY < 1/8 DETROIT, MI

0.098 mi.

518 ft. Site 4 of 11 in cluster H

Relative: EDR Historical Auto Stations:

Lower Name: JOE S TOWING SERVICE

Year: 1965

Actual: Type: AUTOMOBILE REPAIRING

621 ft.

H45 CHICAGO BEEF CO RCRA-NonGen

ENE 1971 GRATIOT AVE < 1/8 DETROIT, MI 48207

0.099 mi.

Actual:

522 ft. Site 5 of 11 in cluster H

Relative: RCRA-NonGen:

**Lower** Date form received by agency: 04/26/1999

Facility name: CHICAGO BEEF CO Facility address: 1971 GRATIOT AVE

622 ft. DETROIT, MI 48207

EPA ID: MID985655398

Mailing address: Non Responsive

Contact: MICHAEL ARETAKIS
Contact address: 1971 GRATIOT AVE

DETROIT, MI 48207

Contact country: US

Contact telephone: (313) 567-0850 Contact email: Not reported

EPA Region: 05

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator country:

Owner/operator name: CHICAGO BEEF CO

Owner/operator address: Not reported Not reported

Not reported

Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Operator Owner/Op start date: 11/08/2001 Owner/Op end date: Not reported

Owner/operator name: JEMMECA INC
Owner/operator address: Not reported
Not reported

Owner/operator country:

Owner/operator telephone:

Legal status:

Owner/Operator Type:

Owner

Owner/Op start date:

Owner/Op end date:

Not reported

Not reported

Owner

Not reported

Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No

**EDR ID Number** 

1000828468

**FINDS** 

**LUST** 

**UST** 

MID985655398

Map ID MAP FINDINGS
Direction

Distance

Elevation Site Database(s) EPA ID Number

## **CHICAGO BEEF CO (Continued)**

1000828468

**EDR ID Number** 

Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: Nο User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Historical Generators:

Date form received by agency: 12/28/1992

Facility name: CHICAGO BEEF CO
Classification: Not a generator, verified

Date form received by agency: 01/01/1980

Facility name: CHICAGO BEEF CO
Classification: Not a generator, verified

Date form received by agency: 01/01/1980

Facility name: CHICAGO BEEF CO
Classification: Not a generator, verified

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110003677977

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

program staff to track the notification, permit, compliance, and

corrective action activities required under RCRA.

LUST:

Facility ID: 00036729

Source: STATE OF MICHIGAN Owner Name:

Direction Distance

Elevation Site Database(s) EPA ID Number

## **CHICAGO BEEF CO (Continued)**

1000828468

**EDR ID Number** 

Owner Address: Non Responsive

Owner City,St,Zip:
Owner Contact:
Owner Phone:
Not reported
Non Respon

Country: USA

District: SE Michigan District Office
Site Name: Chicago Beef Company
Latitude: 42.3484380000
Longitude: -83.0352630000
Date of Collection: 01/11/2001

Method of Collection: Address Matching-House Number

Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Leak Number: C-2150-92
Release Date: 12/04/1992
Substance Released: Used Oil
Release Status: Open
Release Closed Date: Not reported

UST:

 Facility ID:
 00036729

 Facility Type:
 CLOSED

 Latitude:
 42.3484380

 Longitude:
 -83.0352630

Owner Name: Owner Address:

Owner City,St,Zip: Owner Country: Owner Contact:

Owner Phone: Non Responsive
Contact: CHRIST DASKAS
Contact Phone: (313) 567-0850

Date of Collection: 01/11/2001
Accuracy: 100
Accuracy Value Unit: FEET

Horizontal Datum: NAD83

Source: STATE OF MICHIGAN

USA Not reported

Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Tank ID:

Tank Status: Removed from Ground

Capacity: 4000
Install Date: Not reported
Product: Diesel
Remove Date: 12/18/1992
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel, Unknown

Piping Type: Suction: No Valve At Tank, Suction: Valve at Tank

Constr Material: Asphalt Coated or Bare Steel, Unknown

Impressed Device: No

Direction Distance

Elevation Site Database(s) EPA ID Number

## **CHICAGO BEEF CO (Continued)**

1000828468

**EDR ID Number** 

Tank ID: 2

Tank Status: Removed from Ground

Capacity: 4000
Install Date: Not reported
Product: Gasoline
Remove Date: 12/18/1992
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel, Unknown

Piping Type: Suction: No Valve At Tank, Suction: Valve at Tank

Constr Material: Asphalt Coated or Bare Steel, Unknown

Impressed Device: No

Tank ID:

Tank Status: Removed from Ground

Capacity: 4000
Install Date: Not reported
Product: Gasoline
Remove Date: 12/18/1992
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported

Piping Material: Bare Steel,Unknown
Piping Type: Suction: No Valve At Tank

Constr Material: Asphalt Coated or Bare Steel, Unknown

Impressed Device: No

Tank ID:

Tank Status: Removed from Ground

Capacity: 2000
Install Date: Not reported
Product: UNK
Remove Date: 12/18/1992
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel,Unknown

Piping Type: Gravity Fed?, Suction: No Valve At Tank Constr Material: Asphalt Coated or Bare Steel, Unknown

Impressed Device: No

Tank ID: 5

Tank Status: Removed from Ground

Capacity: 1000 Install Date: Not reported

Product: Used Oil
Remove Date: 07/28/1994
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Unknown
Piping Type: Gravity Fed?
Constr Material: Unknown
Impressed Device: No

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

H46 **GOODRICH SILVERTOWN STORES BR EDR Historical Auto Stations** 1009488930

**1956 GRATIOT AVE** 

**DETROIT, MI** < 1/8

0.103 mi.

**ENE** 

Site 6 of 11 in cluster H 544 ft.

**EDR Historical Auto Stations:** Relative:

GOODRICH SILVERTOWN STORES BR Lower Name:

Year: 1935

Actual: Type: GASOLINE AND OIL SERVICE STATIONS 622 ft.

H47 **MICHIGAN NATIONAL BANK** BEA S104911864 **ENE 2000 GRATIOT AVENUE** N/A

< 1/8 **DETROIT, MI** 

0.115 mi.

605 ft. Site 7 of 11 in cluster H

BEA: Relative:

Secondary Address: Not reported Lower

BEA Number: 670

Actual: District: Southeast MI 622 ft. Date Received: 7/13/1998

> MICHIGAN NATIONAL BANK Submitter Name:

> > Petition Determination: Affirmed Petition Disclosure:

No Hazardous Substance(s) Category:

Determination 20107A: Denied Reviewer: temppm

Division Assigned: Storage Tank Division

H48 LUST S103382678 BEA N/A

2000 GRATIOT AVE **ENE DETROIT, MI** < 1/8

0.115 mi.

Site 8 of 11 in cluster H 605 ft.

LUST: Relative: Facility ID: 50002252 Lower

STATE OF MICHIGAN Source:

Actual: Owner Name: Nrt Owner 622 ft. Owner Address: Unknown

> Owner City, St, Zip: Unknown, MI 99999 Owner Contact: Not reported Owner Phone: Not reported

Country: USA

District: SE Michigan District Office Site Name: Joe Muer's Restaurant Latitude: 42.3486990000 Longitude: -83.0346320000

Date of Collection: 01/11/2001 Method of Collection: Address Matching-House Number

Accuracy: 100 Accuracy Value Unit: **FEET** Horizontal Data: NAD83 **POINT** Point Line Area:

Desc Category: Plant Entrance (Freight)

Leak Number: C-0623-98

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

(Continued) S103382678

Release Date: 06/10/1998 Substance Released: Unknown Release Status: Open Release Closed Date: Not reported

BEA:

Secondary Address: Not reported

BEA Number: 1487

Southeast MI District:

Date Received: 9/11/2001 12:59:00 AM Submitter Name: 2000 Associates LLC

Affirmed Petition Determination:

Petition Disclosure:

Category: No Hazardous Substance(s)

Determination 20107A: No Request Reviewer: novake

**Environmental Response Division** Division Assigned:

Secondary Address: Not reported

BEA Number: 22 District: Detroit 10/18/1999 Date Received:

RITE AID OF MICHIGAN Submitter Name:

Petition Determination: Affirmed Petition Disclosure:

Different Hazardous Substance(s) Category:

Determination 20107A: No Request Reviewer: temppm

Division Assigned: Storage Tank Division

H49 LIEBERMAN ELMER C **EDR Historical Auto Stations** 1009489142

**ENE 2025 GRATIOT AVE** 

0.117 mi.

**DETROIT, MI** < 1/8

Site 9 of 11 in cluster H 619 ft.

**EDR Historical Auto Stations:** Relative:

LIEBERMAN ELMER C Lower Name:

Year: 1931

Actual: Type: **AUTOMOBILE GARAGES** 622 ft.

H50 LIEBERMAN ELMER C **EDR Historical Auto Stations** 1009489158 N/A

**2031 GRATIOT AVE ENE** 

< 1/8 **DETROIT, MI** 

0.118 mi.

624 ft. Site 10 of 11 in cluster H

**EDR Historical Auto Stations:** Relative:

LIEBERMAN ELMER C Name: Lower

Year:

Actual: **AUTOMOBILE GARAGES** Type:

622 ft.

TC3226380.2s Page 42

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

H51 **VERNOR-GRATIOT GULF SERVICE EDR Historical Auto Stations** 1009489171

**2036 GRATIOT AVE** N/A

DETROIT, MI < 1/8

0.120 mi.

**ENE** 

Site 11 of 11 in cluster H 633 ft.

**EDR Historical Auto Stations:** Relative: Lower Name: VERNOR-GRATIOT GULF SERVICE

1940 Year:

Actual: Type: GASOLINE AND OIL SERVICE STATIONS

622 ft.

**EDR Historical Cleaners** 1009479354 **ENE** N/A

J52 **LONDON LAUNDRY** 

**2711 SAINT AUBIN** 1/8-1/4 **DETROIT, MI** 

0.128 mi.

677 ft. Site 2 of 6 in cluster J

**EDR Historical Cleaners:** Relative:

Name: LONDON LAUNDRY Lower

Year: 1926

Actual: Type: **LAUNDRIES** 623 ft.

J53 **TANNER GEO F EDR Historical Cleaners** 1009479355

**2711 SAINT AUBIN AVE ENE** N/A

**DETROIT, MI** 1/8-1/4

0.128 mi.

677 ft. Site 3 of 6 in cluster J

EDR Historical Cleaners: Relative:

TANNER GEO F Name: Lower

Year: 1931

Actual: LAUNDRIES-HAND Type: 623 ft.

J54 **EATON NETTIE MRS EDR Historical Cleaners** 1009479379 N/A

**ENE 2731 SAINT AUBIN AVE** 

**DETROIT, MI** 1/8-1/4

0.129 mi.

Site 4 of 6 in cluster J 679 ft.

**EDR Historical Cleaners:** Relative: Lower Name: SIGGERS PROPHET

> Year: 1931

Actual: **CLOTHES PRESSERS AND CLEANERS** Type: 623 ft.

Name: EATON NETTIE MRS

> Year: 1940

LAUNDRIES-HAND Type:

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

J55 **PIZZIMENTI JAS EDR Historical Auto Stations** 1009490400 **ENE 2741 SAINT AUBIN AVE** 

**DETROIT, MI** 1/8-1/4

0.129 mi.

Site 5 of 6 in cluster J 679 ft.

**EDR Historical Auto Stations:** Relative:

ALPINE AUTO SERVICE CO Lower Name:

Year: 1921

Actual: Type: **AUTOMOBILE GARAGES** 

623 ft.

Name: ALPINE AUTO SERVICE CO

Year: 1921

AUTOMOBILE REPAIRING Type:

Name: ALPINE AUTO SERVICE CO

Year:

Type: **AUTOMOBILE REPAIRING** 

PIZZIMENTI JAS Name:

Year:

AUTOMOBILE REPAIRING Type:

1009490391 **J56 TANNER EDW C EDR Historical Auto Stations** 

N/A

N/A

**ENE 2737 SAINT AUBIN AVE** 1/8-1/4 **DETROIT, MI** 

0.129 mi.

679 ft. Site 6 of 6 in cluster J

**EDR Historical Auto Stations:** Relative:

TANNER EDW C Name: Lower

Year: 1926

Type: Actual: GASOLINE SERVICE STATIONS 623 ft.

K57 THOMAS VINCENT **EDR Historical Auto Stations** 1009490703

**ENE 3003 SAINT AUBIN AVE** 

1/8-1/4 **DETROIT, MI** 

0.130 mi.

685 ft. Site 1 of 3 in cluster K

EDR Historical Auto Stations: Relative:

Lower Name: THOMAS VINCENT

Year: 1926

Actual: GASOLINE SERVICE STATIONS Type: 623 ft.

K58 SIGGERS PROFIT **EDR Historical Cleaners** 1009479601 N/A

**ENE 3009 SAINT AUBIN AVE** 

1/8-1/4 **DETROIT, MI** 

Relative:

0.130 mi.

685 ft. Site 2 of 3 in cluster K **EDR Historical Cleaners:** 

Name: SIGGERS PROFIT Lower

Year: 1926

Actual: **CLEANERS AND DYERS** Type: 623 ft.

**EDR ID Number** 

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

L59 **PITTS JAVION EDR Historical Cleaners** 1009479972 NE

3447 SAINT AUBIN AVE N/A

1/8-1/4 **DETROIT, MI** 

0.137 mi.

Site 1 of 3 in cluster L 721 ft.

**EDR Historical Cleaners:** Relative:

PITTS JAVION Higher Name:

Year: 1931

Actual: Type: LAUNDRIES-HAND 624 ft.

M60 **DURAND SEELEY YOUNGBLOOD CLEANERS AND DYERS INC EDR Historical Cleaners** 1009479159 N/A

**2530 SAINT AUBIN AVE East** 

1/8-1/4 **DETROIT, MI** 

0.138 mi.

728 ft. Site 1 of 6 in cluster M

**EDR Historical Cleaners:** Relative: Name: YOUNGBLOOD S CLEANERS AND DYERS Lower

Year: 1921

Actual: **CLEANERS AND DYERS** Type: 620 ft.

DURAND SEELEY YOUNGBLOOD CLEANERS AND DYERS INC Name:

Year:

**CLEANERS AND DYERS** Type:

Name: **DURAND S CLEANERS AND DYERS** 

Year:

Type: CLEANERS AND DYERS

YOUNGBLOOD S CLEANERS AND DYERS Name:

Year: 1926

Type: **CLEANERS AND DYERS** 

M61 YOUNGBLOOD CLEANERS **EDR Historical Cleaners** 1009479176

**East 2538 SAINT AUBIN AVE** 

1/8-1/4 **DETROIT, MI** 

0.138 mi.

728 ft. Site 2 of 6 in cluster M

Relative: Lower Name: YOUNGBLOOD S CLEANERS AND DYERS

Year: 1926

**EDR Historical Cleaners:** 

Actual: **CLEANERS AND DYERS** Type:

620 ft.

Name: DURAND SEELEY YOUNGBLOOD CLEANERS AND DYERS INC

Year: 1926

Type: **CLEANERS AND DYERS** 

Name: **DURAND S CLEANERS AND DYERS** 

Year:

**CLEANERS AND DYERS** Type:

Name: YOUNGBLOOD CLEANERS

1970 Year:

Type: **CLEANERS AND DYERS** 

Direction Distance

Distance EDR ID Number Elevation Site EDR ID Number Database(s) EPA ID Number

M62 YOUNGBLOOD S CLEANERS AND DYERS EDR Historical Cleaners 1009479175

2538 SAINT AUBIN

N/A

N/A

1/8-1/4 DETROIT, MI

0.138 mi.

**East** 

728 ft. Site 3 of 6 in cluster M

Relative: EDR Historical Cleaners:

Relative: EDR Historical Cleaners:
Lower Name: YOUNGBLOOD S CLEANERS AND DYERS

Year: 1935

Actual: Type: CLOTHES PRESSERS AND CLEANERS

620 ft.

\_\_\_\_

M63 CHAREST THOS P EDR Historical Auto Stations 1009490133

East 2524 SAINT AUBIN AVE

1/8-1/4 DETROIT, MI

0.138 mi.

730 ft. Site 4 of 6 in cluster M

Relative: EDR Historical Auto Stations:

Lower Name: CHAREST THOS P

Year: 1926

Actual: Type: GASOLINE SERVICE STATIONS

620 ft.

M64 YOUNGBLOOD S CLEANERS AND DYERS EDR Historical Cleaners 1009479150

East 2524 SAINT AUBIN AVE N/A

1/8-1/4 DETROIT, MI

0.138 mi.

730 ft. Site 5 of 6 in cluster M

Relative: EDR Historical Cleaners:

Lower Name: YOUNGBLOOD S CLEANERS AND DYERS

Year: 1921

Actual: Type: CLEANERS AND DYERS 620 ft.

Name: YOUNGBLOOD S CLEANERS AND DYERS

Name: YOUN Year: 1931

Type: CLEANERS-GARMENTS CURTAINS AND DRAPERIES

M65 YOUNGBLOOD S CLEANERS AND DYERS INC EDR Historical Cleaners 1009479149

East 2524 SAINT AUBIN

1/8-1/4 DETROIT, MI

0.138 mi.

730 ft. Site 6 of 6 in cluster M

Relative: EDR Historical Cleaners:

Lower Name: YOUNGBLOOD S CLEANERS AND DYERS

Year: 1935

Actual: Type: CLOTHES PRESSERS AND CLEANERS

620 ft.

Name: YOUNGBLOOD S CLEANERS AND DYERS INC

Year: 1940

Type: CLEANERS-GARMENTS CURTAINS AND DRAPERIES

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

L66 **VON SZYMEROWSKI CLEMENS EDR Historical Cleaners** 1009479987

N/A

N/A

**EDR ID Number** 

1/8-1/4 **DETROIT, MI** 

0.145 mi.

NE

Site 2 of 3 in cluster L 764 ft. **EDR Historical Cleaners:** 

Relative: Higher Name: VON SZYMEROWSKI CLEMENS

Year: 1926

3473 SAINT AUBIN AVE

Actual: Type: **CLEANERS AND DYERS** 

624 ft.

N67 HAROLD S AUTO AND TRUCK REPAIR **EDR Historical Auto Stations** 1009487596

**1544 GRATIOT AVE** SSE

1/8-1/4 **DETROIT, MI** 

0.148 mi.

782 ft. Site 1 of 6 in cluster N

**EDR Historical Auto Stations:** Relative:

Name: MARTZ SUPER SERVICE Lower

> Year: 1935

Actual: GASOLINE AND OIL SERVICE STATIONS Type: 619 ft.

KLEM ROMAN A Name:

Year:

GASOLINE AND OIL SERVICE STATIONS Type:

Name: HAROLD S AUTO AND TRUCK REPAIR

Year:

Type: **AUTOMOBILE REPAIRING** 

HAROLD S AUTO AND TRUCK REPAIR Name:

Year: 1970

Type: **AUTOMOBILE REPAIRING** 

N68 MARJORIE MCGUIRE LUST U000715634 SSE **1544 GRATIOT AVE UST** N/A

1/8-1/4 DETROIT, MI 48207 0.148 mi.

782 ft. Site 2 of 6 in cluster N

LUST: Relative:

Lower Facility ID: 00036051

Source: STATE OF MICHIGAN Actual: Owner Name:

619 ft. Owner Address:

Owner City, St, Zip: Owner Contact:

Owner Phone: Country: USA

SE Michigan District Office District:

Site Name: **Towers Garage** 42.3450990000 Latitude: Longitude: -83.0374060000 Date of Collection: 01/11/2001

Method of Collection: Address Matching-House Number

Not reported

Accuracy: 100 Accuracy Value Unit: **FEET** Horizontal Data: NAD83

Direction Distance

Elevation Site Database(s) EPA ID Number

# MARJORIE MCGUIRE (Continued)

Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Leak Number:C-2224-92Release Date:01/08/1993Substance Released:Gasoline,Unknown

Release Status: Closed Release Closed Date: 11/23/1993

UST:

 Facility ID:
 00036051

 Facility Type:
 CLOSED

 Latitude:
 42.3450990

 Longitude:
 -83.0374060

Owner Name: Non Responsive

Owner Address: Owner City,St,Zip: Owner Country: Owner Contact:

Owner Phone:

Contact: MICHAEL SPRAGUE
Contact Phone: (313) 567-1711
Date of Collection: 01/11/2001
Accuracy: 100

Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83

Source: STATE OF MICHIGAN

Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Tank ID: 2

Tank Status: Removed from Ground

Capacity: 3000

Install Date: Not reported Product: Gasoline Remove Date: 01/01/1978 Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Bare Steel

Piping Type: Suction: No Valve At Tank
Constr Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID: 3

Tank Status: Closed in Ground

Capacity: 500

Install Date: Not reported
Product: Used Oil
Remove Date: 01/01/1978
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Gravity Fed?

Constr Material: Asphalt Coated or Bare Steel

Impressed Device: No

U000715634

**EDR ID Number** 

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**MARJORIE MCGUIRE (Continued)** 

U000715634

Tank ID:

**Removed from Ground** Tank Status:

5000 Capacity: Install Date: Not reported Product: Gasoline 01/01/1978 Remove Date: Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Bare Steel

Piping Type: Suction: No Valve At Tank Constr Material: Asphalt Coated or Bare Steel

Impressed Device:

**SUPER WELDING CO** N69 **EDR Historical Auto Stations** 1009489837

SSE 2330 ORLEANS N/A

**DETROIT, MI** 1/8-1/4

0.152 mi.

Site 3 of 6 in cluster N 801 ft.

**EDR Historical Auto Stations:** Relative:

Name: SUPER WELDING CO Lower

Year:

Actual: Type: RADIATOR REPAIRERS-AUTOMOBILE 618 ft.

070 **CITY OF DETROIT FIRE APPARATUS RCRA-NonGen** 1000888227 MI0000260810 **FINDS** 

**WSW** 1400 ERSKINE ST DETROIT, MI 48207 1/8-1/4

0.152 mi.

804 ft. Site 1 of 2 in cluster O

RCRA-NonGen: Relative: Date form received by agency: 09/17/1998 Lower

CITY OF DETROIT FIRE APPARATUS Facility name:

Actual: Facility address: 1400 ERSKINE ST 623 ft. DETROIT, MI 48207

> EPA ID: MI0000260810 Mailing address: 250 W LARNED ST

DETROIT, MI 48226 RONALD BRUNDIDGE Contact: Contact address: 1400 ERSKINE ST

DETROIT, MI 48207

Contact country: US

Contact telephone: (313) 833-7296 Contact email: Not reported EPA Region: 05

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

DETROIT CITY OF DPW Owner/operator name:

Owner/operator address: Not reported

Not reported

Owner/operator country: Not reported Owner/operator telephone: Not reported Legal status: Municipal Owner/Operator Type: Operator

LUST

UST

Map ID MAP FINDINGS
Direction

Distance
Elevation Site Database(s)

CITY OF DETROIT FIRE APPARATUS (Continued)

1000888227

**EDR ID Number** 

**EPA ID Number** 

Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Owner/operator name: DETROIT CITY OF DPW

Owner/operator address: Not reported Not reported

Owner/operator country:

Owner/operator telephone:

Legal status:

Owner/Operator Type:

Owner

Owner/Op start date:

Owner/Op end date:

Not reported

Municipal

Owner

Owner

Owner

Owner

Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: Nο Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Historical Generators:

Date form received by agency: 04/29/1994

Facility name: CITY OF DETROIT FIRE APPARATUS

Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110003564376

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport.

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

Direction Distance Elevation

Site Database(s) EPA ID Number

## CITY OF DETROIT FIRE APPARATUS (Continued)

1000888227

**EDR ID Number** 

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LUST:

Facility ID: 00019128

Source: STATE OF MICHIGAN
Owner Name: City of Detroit / DPW/CED
Owner Address: Non Responsive

Owner City,St,Zip: Owner Contact: Owner Phone:

Country:

Non USA

District: SE Michigan District Office
Site Name: City Of Detroit - Detroit Fire A

Latitude: 42.3503200000 Longitude: -83.0433590000 Date of Collection: 01/11/2001

Method of Collection: Address Matching-House Number

Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Leak Number:C-0638-95Release Date:06/05/1995Substance Released:GasolineRelease Status:ClosedRelease Closed Date:09/20/1999

UST:

 Facility ID:
 00019128

 Facility Type:
 CLOSED

 Latitude:
 42.3503200

 Longitude:
 -83.0433590

Owner Name: CITY OF DETROIT / DPW/CED

USA

Owner Address: Non Responsive

Owner City, St, Zip:

Owner Country:

Owner Contact: Not reported

Owner Phone:
Contact:
Contact Phone:
Date of Collection:
Accuracy:

Non Responsive
RON BRUNDIDGE
(313) 833-7296
01/11/2001
100

Accuracy Value Unit: FEET
Horizontal Datum: NAD83

Source: STATE OF MICHIGAN

Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Tank ID:

Tank Status: Removed from Ground

Capacity: 2000 Install Date: 03/19/1985

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

## CITY OF DETROIT FIRE APPARATUS (Continued)

1000888227

MI0000261057

Product: Gasoline
Remove Date: 06/20/1995
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel, Cathodically Protected Steel, Fiberglass

Reinforced plastic

Impressed Device: No

Tank ID:

Tank Status: Removed from Ground

Capacity: 500
Install Date: 03/20/1955
Product: Heating Oil
Remove Date: 06/12/1992
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel, Cathodically Protected Steel

Impressed Device: No

CITY OF DETROIT FIRE DEPARTMENT RCRA-NonGen 1000888236

WSW 3100 RUSSELL ST FINDS 1/8-1/4 DETROIT, MI 48207 LUST 0.154 mi. UST

811 ft. Site 1 of 6 in cluster P

Relative: RCRA-NonGen:

P71

**Lower** Date form received by agency: 09/08/1997

Contact address:

Facility name: CITY OF DETROIT FIRE DEPARTMENT

Actual: Facility address: 3100 RUSSELL ST DETROIT, MI 48207

 EPA ID:
 MI0000261057

 Mailing address:
 8221 W DAVISON

 DETROIT, MI 48238

 Contact:
 RONALD BRUNDIDGE

3100 RUSSELL ST DETROIT, MI 48207

Contact country: US

Contact telephone: (313) 833-7296 Contact email: Not reported

EPA Region: 05

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: DETROIT CITY OF DPW

Owner/operator address: Not reported

Not reported

Owner/operator country:
Owner/operator telephone:
Legal status:
Owner/Operator Type:
Owner/Op start date:

Not reported
Municipal
Operator
Operator
01/01/1970

Map ID MAP FINDINGS
Direction

Distance
Elevation Site Da

Not reported

Site Database(s) EPA ID Number

## CITY OF DETROIT FIRE DEPARTMENT (Continued)

Owner/Op end date: Not reported

Owner/operator name: DETROIT CITY OF DPW

Owner/operator address: Not reported

Owner/operator country:
Owner/operator telephone:
Legal status:
Owner/Operator Type:
Owner
Owner/Op start date:
Owner/Op end date:
Not reported
Not reported
Not reported
Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: Nο Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

#### **Historical Generators:**

Date form received by agency: 04/29/1994

Facility name: CITY OF DETROIT FIRE DEPARTMENT

Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D00

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110009595376

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

program staff to track the notification, permit, compliance, and

**EDR ID Number** 

1000888236

Distance Elevation

on Site Database(s) EPA ID Number

## CITY OF DETROIT FIRE DEPARTMENT (Continued)

1000888236

**EDR ID Number** 

corrective action activities required under RCRA.

LUST:

Facility ID: 00019088

Source: STATE OF MICHIGAN
Owner Name: City of Detroit (GSD)
Owner Address: Non Responsive

Owner City,St,Zip:

Owner Contact: Brad Dick (Deputy Director)

Owner Phone: Not reported

Country: USA

District: SE Michigan District Office
Site Name: Detroit Fire Dept Engine #6

Latitude: 42.3493780000 Longitude: -83.0424450000 Date of Collection: 01/11/2001

Method of Collection: Address Matching-House Number

Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Leak Number: C-0106-06
Release Date: 05/05/2006
Substance Released: Diesel
Release Status: Open
Release Closed Date: Not reported

Leak Number: C-0365-06
Release Date: 09/01/2006
Substance Released: Waste Oil
Release Status: Open
Release Closed Date: Not reported

Leak Number:C-0535-97Release Date:07/07/1997Substance Released:DieselRelease Status:ClosedRelease Closed Date:10/29/1997

UST:

 Facility ID:
 00019088

 Facility Type:
 CLOSED

 Latitude:
 42.3493780

 Longitude:
 -83.0424450

Owner Name: CITY OF DETROIT (GSD)

Owner Address: Owner City,St,Zip:

Owner Country: USA

Owner Contact: Brad Dick (Deputy Director)

Owner Phone: Not reported
Contact: Kumar Sudarshan
Contact Phone: (313) 224-3822
Date of Collection: 01/11/2001
Accuracy: 100

Direction Distance

Elevation Site Database(s) EPA ID Number

# CITY OF DETROIT FIRE DEPARTMENT (Continued)

1000888236

**EDR ID Number** 

Accuracy Value Unit: FEET Horizontal Datum: NAD83

Source: STATE OF MICHIGAN

Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Tank ID:

Tank Status: Removed from Ground

Capacity: 2000
Install Date: 03/20/1955
Product: Diesel
Remove Date: 06/01/1997
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported

Constr Material: Cathodically Protected Steel

Impressed Device: No

Tank ID: 2

Tank Status: Removed from Ground

Capacity: 500
Install Date: 03/20/1955
Product: Used Oil
Remove Date: 08/03/2006
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported

Constr Material: Cathodically Protected Steel

Impressed Device: No

Tank ID:

Tank Status: Removed from Ground

 Capacity:
 2000

 Install Date:
 09/11/1997

 Product:
 Diesel

 Remove Date:
 08/03/2006

Tank Release Detection: Inter Monitoring Double Walled Tank, Tank Tightness Testing Pipe Realease Detection: Interstitial Monitoring Double Walled Piping, Interstitial

Monitoring/Second Containment

Piping Material: Double Walled, Fiberglass reinforced plastic

Piping Type: Suction: No Valve At Tank

Constr Material: Composite(Steel w/Fiberglass), Fiberglass Reinforced plastic

Impressed Device: No

MAP FINDINGS Map ID

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

P72 CITY OF DETROIT PLANNING DEVELOPMENT DEPT UST U003758930 N/A

**EDR ID Number** 

**WSW** 3011/3033 RUSSELL 1/8-1/4 DETROIT, MI 48226

0.154 mi.

813 ft. Site 2 of 6 in cluster P UST:

Relative:

Lower

Facility ID: 00040501 Facility Type: **CLOSED** 

Actual: 622 ft.

Latitude: 42.3493870 Longitude: -83.0425710

Owner Name: CITY OF DETROIT PLANNING DEVELOPMENT DEPT

Owner Address:

Owner City, St, Zip: Owner Country:

Owner Contact: Frederick Rottach Owner Phone: RAMESH PATEL Contact:

Contact Phone: (313) 224-9031 10/05/2004 Date of Collection: Accuracy: 100 Accuracy Value Unit: FEET Horizontal Datum: NAD83

STATE OF MICHIGAN Source:

Point Line Area: **POINT** 

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Tank ID:

Tank Status: Removed from Ground

Capacity: 12000 Install Date: 01/01/1976 Gasoline Product: Remove Date: 10/03/2000 Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Unknown Piping Type: Pressure Constr Material: Unknown Impressed Device: No

Tank ID: 2

Tank Status: **Removed from Ground** 

Capacity: 12000 01/01/1976 Install Date: Product: Gasoline Remove Date: 10/03/2000 Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Unknown Piping Type: Pressure Constr Material: Unknown Impressed Device:

Tank ID:

Tank Status: Removed from Ground

Capacity: 12000

Direction Distance

Elevation Site Database(s) EPA ID Number

#### CITY OF DETROIT PLANNING DEVELOPMENT DEPT (Continued)

U003758930

**EDR ID Number** 

Install Date: 01/01/1976 Product: Gasoline 10/03/2000 Remove Date: Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Unknown Piping Type: Pressure Constr Material: Unknown Impressed Device: No

Tank ID:

Tank Status: Removed from Ground

Capacity: 01/01/1976 Install Date: Product: Gasoline Remove Date: 10/04/2000 Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Unknown Piping Type: Pressure Constr Material: Unknown Impressed Device: No

Tank ID: 5

Tank Status: Removed from Ground

Capacity: 12000 01/01/1976 Install Date: Product: Gasoline 10/04/2000 Remove Date: Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Unknown Piping Type: Pressure Unknown Constr Material: Impressed Device: No

Tank ID: 6

Tank Status: Removed from Ground

12000 Capacity: Install Date: 01/01/1976 Product: Gasoline 10/04/2000 Remove Date: Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Unknown Piping Type: Pressure Unknown Constr Material: Impressed Device: No

Tank ID: 7

Tank Status: Removed from Ground

Capacity: 12000 Install Date: 01/01/1976

Direction Distance

**EDR ID Number** Elevation Site **EPA ID Number** Database(s)

#### CITY OF DETROIT PLANNING DEVELOPMENT DEPT (Continued)

U003758930

Product: Diesel 10/05/2000 Remove Date: Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Unknown Piping Type: Pressure Constr Material: Unknown Impressed Device: Nο

**EASTERN MARKET CORPORATION** Q73

RCRA-CESQG 1012181226 2934 RUSSELL ST MIK885758854

wsw 1/8-1/4 DETROIT, MI 48207

0.155 mi.

816 ft. Site 1 of 3 in cluster Q

RCRA-CESQG: Relative:

Date form received by agency: 01/29/2009 Lower

> Facility name: EASTERN MARKET CORPORATION

Actual: Facility address: 2934 RUSSELL ST 623 ft.

DETROIT, MI 48207

EPA ID: MIK885758854 Contact: JASON YELENCICH Contact address: 2934 RUSSELL ST

DETROIT, MI 48207

Contact country: US

(313) 833-9300 Contact telephone: Contact email: Not reported

EPA Region: 05

Conditionally Exempt Small Quantity Generator Classification:

Handler: generates 100 kg or less of hazardous waste per calendar Description:

month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from

the cleanup of a spill, into or on any land or water, of acutely

hazardous waste

Owner/Operator Summary:

Owner/operator name: RANDALL FOGELMAN C/O EASTERN MARKET CORP

Owner/operator address: Not reported Not reported Owner/operator country: Not reported

Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Operator Owner/Op start date: 08/01/2006 Owner/Op end date: Not reported

CITY OF DETROIT RECREATION DEPT-PROP OWN Owner/operator name:

Owner/operator address: Not reported

MAP FINDINGS Map ID Direction

Distance Elevation

Site Database(s) **EPA ID Number** 

## **EASTERN MARKET CORPORATION (Continued)**

1012181226

**EDR ID Number** 

Not reported Owner/operator country: Not reported Owner/operator telephone: Not reported Legal status: Municipal Owner/Operator Type: Owner Owner/Op start date: 01/01/1891 Owner/Op end date: Not reported

**EASTERN MARKET CORPORATION** Owner/operator name:

Owner/operator address: Not reported

Not reported

Owner/operator country: Not reported Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Operator Owner/Op start date: 08/01/2006 Owner/Op end date: Not reported

Owner/operator name: EASTERN MARKET CORPORATION

Owner/operator address: Not reported

Not reported

Owner/operator country: Not reported Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Owner Owner/Op start date: 08/01/2006 Owner/Op end date: Not reported

RANDALL FOGELMAN C/O EASTERN MARKET CORP Owner/operator name:

Not reported Owner/operator address: Not reported

Not reported

Owner/operator country: Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Owner Owner/Op start date: 08/01/2006 Owner/Op end date: Not reported

## Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: Νo Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

**Historical Generators:** 

Direction Distance

**EDR ID Number** Elevation Site **EPA ID Number** Database(s)

# **EASTERN MARKET CORPORATION (Continued)**

1012181226

Date form received by agency: 01/01/1980

EASTERN MARKET CORPORATION Facility name:

Classification: Not a generator, verified

Date form received by agency: 01/01/1980

EASTERN MARKET CORPORATION Facility name:

Classification: Not a generator, verified

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

CITY OF DETROIT-3011 RUSSELL ST. P74 BROWNFIELDS

S107135910

N/A

**WSW** 3011/3033 RUSSELL 1/8-1/4 **DETROIT, MI** 

0.155 mi.

818 ft. Site 3 of 6 in cluster P

**BROWNFIELD:** Relative:

00040501 Facility ID: Lower

Region:

Actual: Status: Not reported 622 ft. Properry Use: Not reported

Use at Time of Listing: Not reported Not reported BEA:

82001872 Ernie Id Number:

P75 ABANDONED TAX REVERTED PARCEL LUST S104872588 3011/3033 RUSSELL **WSW** N/A

1/8-1/4 DETROIT, MI 48226

0.155 mi.

818 ft. Site 4 of 6 in cluster P

LUST: Relative:

Facility ID: 00040501 Lower

Source: STATE OF MICHIGAN

Actual: Owner Name: City of Detroit Planning Development Dept 622 ft.

Owner Address: Owner City, St, Zip:

Owner Contact: Frederick Rottach Owner Phone:

Country:

SE Michigan District Office District: City Of Detroit - Former C & E A Site Name:

Latitude: 42.3493870000 Longitude: -83.0425710000 Date of Collection: 10/05/2004

Address Matching-House Number Method of Collection:

Accuracy:

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**ABANDONED TAX REVERTED PARCEL (Continued)** 

S104872588

Accuracy Value Unit: **FEET** Horizontal Data: NAD83 Point Line Area: **POINT** 

Desc Category: Plant Entrance (Freight)

C-0842-00 Leak Number: Release Date: 10/12/2000 Substance Released: Unknown Release Status: Closed Release Closed Date: 04/21/2004

076 **ROCKY FIREHOUSE NO. 5. L.L.C.** S104911222 BEA

wsw 3400 RUSSELL STREET N/A

N/A

1/8-1/4 **DETROIT, MI** 

0.155 mi. 820 ft.

Relative: Lower

Secondary Address: Not reported

BEA Number: 399

Actual: Southeast MI District: 623 ft. Date Received: 7/29/1997

Site 2 of 2 in cluster O

Submitter Name: ROCKY FIREHOUSE NO. 5 L.L.C.

Petition Determination: Affirmed Petition Disclosure:

Category: No Hazardous Substance(s)

Determination 20107A: Affirmed Reviewer: russelje

Division Assigned: **Environmental Response Division** 

**OSCAR S COLLISION** 1009491262 L77 **EDR Historical Auto Stations** 

NNE 3500 SAINT AUBIN AVE

1/8-1/4 **DETROIT, MI** 

0.155 mi.

821 ft. Site 3 of 3 in cluster L

**EDR Historical Auto Stations:** Relative:

Name: OSCAR S COLLISION Higher

Year: 1970

Actual: Type: AUTOMOBILE REPAIRING

624 ft.

P78 **RUSSELL/WATSON ST NR EASTERN MKT** SHWS S110126816 N/A

wsw **3011 RUSSELL STREET** 1/8-1/4 DETROIT, MI 48207

0.156 mi.

824 ft. Site 5 of 6 in cluster P

SHWS: Relative:

Facility ID: 82001622 Lower

Facility Status: **Evaluation conducted** Actual: Source: Gasoline Service Station

622 ft. SAM Score: 20

SAM Score Date: 11/10/1998 Township: 02S 21E Range:

Section: Not reported

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

### RUSSELL/WATSON ST NR EASTERN MKT (Continued)

S110126816

Quarter: Not reported Quarter/Quarter: Not reported Pollutants: Petroleum

P79 MI DEPT/NATURAL RESOURCES AND ENVIRONMENT

1007102302 RCRA-NonGen

MIP200001651

wsw 3001 RUSSELL ST 1/8-1/4 DETROIT, MI 48207

0.156 mi.

Site 6 of 6 in cluster P 824 ft.

RCRA-NonGen: Relative:

Date form received by agency: 09/13/2005 Lower

Facility name: MI DEPT/NATURAL RESOURCES AND ENVIRONMENT

Actual: Facility address: 3001 RUSSELL ST 622 ft. DETROIT, MI 48207

> EPA ID: MIP200001651 Mailing address: 27700 DONALD CT

WARREN, MI 48092

Contact: RAY SPAULDING Contact address: 3001 RUSSELL ST

DETROIT, MI 48207

Contact country:

Contact telephone: (313) 953-1474 Contact email: Not reported

EPA Region: 05

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE

Owner/operator address: Not reported

Not reported Not reported

Owner/operator country: Not reported Owner/operator telephone: Legal status: Private Owner/Operator Type: Owner Owner/Op start date: 09/14/2005 Owner/Op end date: Not reported

NO ACTIVE O/OP AS NOT GENERATING WASTE Owner/operator name:

Owner/operator address: Not reported Not reported

Owner/operator country: Not reported Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Operator

Owner/Op start date: 09/14/2005 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

MI DEPT/NATURAL RESOURCES AND ENVIRONMENT (Continued)

1007102302

Furnace exemption: No Used oil fuel burner: No Used oil processor: Nο User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

**Historical Generators:** 

Date form received by agency: 01/01/1980

MI DEPT/NATURAL RESOURCES AND ENVIRONMENT Facility name:

Classification: Not a generator, verified

Hazardous Waste Summary:

Waste code: D001

IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF Waste name:

> LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

Q80 MARKET STANDARD SORVICO **EDR Historical Auto Stations** 1009490563

wsw 2901 RUSSELL N/A

1/8-1/4 **DETROIT, MI** 

0.157 mi.

830 ft. Site 2 of 3 in cluster Q

**EDR Historical Auto Stations:** Relative:

JONES ALBERT L Name: Lower

Year: 1940

Actual: Type: GASOLINE AND OIL SERVICE STATIONS 622 ft.

Name: MARKET STANDARD SORVICO

> 1964 Year:

**GASOLINE STATIONS** Type:

Q81 **EDR Historical Auto Stations** 1009490564 N/A

wsw 2901 RUSSELL ST 1/8-1/4 **DETROIT, MI** 

0.158 mi.

Site 3 of 3 in cluster Q 832 ft.

**EDR Historical Auto Stations:** Relative: Name: Lower Year: 1970

Actual: **GASOLINE STATIONS** Type:

622 ft.

Direction Distance

Elevation Site Database(s) EPA ID Number

R82 ROCKY DFD LLC RCRA-NonGen 1007099678
West 3434 RUSSELL ST MIK715553574

West 3434 RUSSELL ST 1/8-1/4 DETROIT, MI 48207

0.161 mi.

851 ft. Site 1 of 2 in cluster R

Relative:

RCRA-NonGen:

Higher Actual:

624 ft.

Date form received by agency: 12/31/2002

Facility name: ROCKY DFD LLC Facility address: 3434 RUSSELL ST

DETROIT, MI 48207 MIK715553574

EPA ID: MIK715553574 Mailing address: 1545 CLAY ST

DETROIT, MI 48211

Contact: ROBERT HEIDE
Contact address: 3434 RUSSELL ST

DETROIT, MI 48207

Contact country: US

Contact telephone: (313) 871-6276 Contact email: Not reported

EPA Region: 05

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: ROCKY DFD LLC
Owner/operator address: Not reported

Not reported

Not reported

Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/11/2002
Owner/Op end date: Not reported

Owner/operator name: ROCKY DFD LLC Owner/operator address: Not reported

Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 03/11/2002
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No No Treater, storer or disposer of HW: Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No

**EDR ID Number** 

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**ROCKY DFD LLC (Continued)** 1007099678

Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

**Historical Generators:** 

Date form received by agency: 03/26/2002 Facility name: ROCKY DFD LLC Classification: Large Quantity Generator

Hazardous Waste Summary:

D001 Waste code:

IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF Waste name:

> LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

S105768246 R83 **BEA** N/A

3434 RUSSELL West 1/8-1/4 DETROIT, MI 48207

0.161 mi.

851 ft. Site 2 of 2 in cluster R

BEA: Relative:

Not reported Secondary Address: Higher BEA Number: 1629

Actual: District: Southeast MI

624 ft. Date Received: 2/27/2002 12:59:00 AM

Rocky DFD Submitter Name:

Petition Determination: Affirmed Petition Disclosure:

Category: No Hazardous Substance(s)

Determination 20107A: No Request Reviewer: novake

**Environmental Response Division** Division Assigned:

N84 **EASTERN HAND LAUNDRY EDR Historical Cleaners** 1009477521 South **1591 GRATIOT AVE** N/A

1/8-1/4 **DETROIT, MI** 

0.170 mi.

Site 4 of 6 in cluster N 896 ft.

**EDR Historical Cleaners:** Relative: Name: EASTERN HAND LAUNDRY Lower

Year:

Actual: Type: LAUNDRIES

619 ft.

Name: EASTERN HAND LAUNDRY

Year: 1926

**LAUNDRIES** Type:

EASTERN HAND LAUNDRY Name:

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**EASTERN HAND LAUNDRY (Continued)** 

1009477521

AIRS

Year: 1931

LAUNDRIES-HAND Type:

U000267709 **ALLIED PROVISION** LUST 85 **ENE** 2127 BREWSTER ST UST N/A

1/8-1/4 0.171 mi. 901 ft.

DETROIT, MI 48207

LUST: Relative: Facility ID: Lower

Source: STATE OF MICHIGAN Actual: Owner Name: Allied Provision 623 ft. Owner Address: 2127 Brewster St Owner City, St, Zip: Detroit, MI 48207-2103

Owner Contact: Not reported Owner Phone:

Country: USA

District: SE Michigan District Office Site Name: Allied Provision Company

Latitude: 42.3512440000 Longitude: -83.0352090000 Date of Collection: 01/11/2001

Method of Collection: Address Matching-House Number

00005444

Accuracy: 100 Accuracy Value Unit: **FEET** Horizontal Data: NAD83 Point Line Area: **POINT** 

Plant Entrance (Freight) Desc Category:

Leak Number: C-1326-92 Release Date: 08/10/1992 Diesel Substance Released: Release Status: Closed Release Closed Date: 07/20/1993

UST:

00005444 Facility ID: Facility Type: CLOSED Latitude: 42.3512440 Longitude: -83.0352090

Owner Name: ALLIED PROVISION Owner Address: 2127 BREWSTER ST Owner City, St, Zip: DETROIT, MI 48207-2103

Owner Country: USA

Owner Contact: Not reported Owner Phone: (313) 568-2200 Contact: RICHARD C. LEHMER

(313) 568-2200 Contact Phone: 01/11/2001 Date of Collection: Accuracy: 100 Accuracy Value Unit: FEET Horizontal Datum: NAD83

STATE OF MICHIGAN Source:

Point Line Area: **POINT** 

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Direction Distance

Elevation Site Database(s) EPA ID Number

## **ALLIED PROVISION (Continued)**

U000267709

**EDR ID Number** 

Tank ID:

Tank Status: Removed from Ground

Capacity: 2000
Install Date: 12/18/1970
Product: Diesel
Remove Date: 12/20/1991
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel

Impressed Device: No

AIRS:

El Year: 1992 State Registration Number: H8645 Naics Code: Not reported Contact Name: Not reported Contact Phone: Not reported Contact Address: Not reported Not reported Contact City, St, Zip: Permit Number: Not reported Date Received: Not reported H8645 State Registration Number: Not reported Country: Application Reason: Not reported Not reported Record Type: State County FIPS: Not reported Facility Category: Not reported SIC Primary: 5047

Tribal Code:

Supplemental Location Text:

Dun & Brad Street Number:

Not reported

Not reported

Not reported

Business Name: ALLIED PROVISION CO

Principal Product: Not reported Principal Product Description: Not reported

UTM Zone (Geo Coordinates Universal Transverse Mercator System): Not reported

**UTM Horizontal Coord:** Not reported **UTM Vertical Coord:** Not reported Mailing Name: Not reported Mailing Contact Person: Not reported Mailing Street: Not reported Mailing City: Not reported Mailing State: Not reported Mailing Zip: Not reported Mailing Zip 4 Extension: Not reported Compliance Person: Not reported Compliance Area Code: Not reported Compliance Phone Number: Not reported **Emission Inventory Contact Person:** Not reported El Contact Area Code: 313 El Contact Phone Number: 5682200 Permit Contact Person: Not reported Permit Contact Person Area Code: Not reported Permit Contact Person Phone Number: Not reported Federal Employer Id Number: # Of Employees: 0

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**ALLIED PROVISION (Continued)** U000267709

Reporting Year: 80

09/30/1975 Date Record Was Created:

N86 MORT SERVICE STATION 1009487566 **EDR Historical Auto Stations** 

SSE 1536 JAY

DETROIT, MI 1/8-1/4

0.172 mi.

907 ft. Site 5 of 6 in cluster N

**EDR Historical Auto Stations:** Relative:

MORT SERVICE STATION Name: Lower

Year: 1931

Actual: Type: GASOLINE AND OIL SERVICE STATIONS 619 ft.

**EDR Historical Auto Stations** 1009489420 **ENE** 2119 E VERNOR HWY N/A

**S87 VERNOR SERVICE STATION** 

1/8-1/4 **DETROIT, MI** 

0.172 mi.

908 ft. Site 1 of 3 in cluster S

**EDR Historical Auto Stations:** Relative:

Lower Name: HERSHENSON AARON

Year: 1931

Actual: Type: GASOLINE AND OIL SERVICE STATIONS 620 ft.

Name: VERNOR SERVICE STATION

> Year: 1935

GASOLINE AND OIL SERVICE STATIONS Type:

Name: VERNOR SERVICE STATION

Year: 1940

GASOLINE AND OIL SERVICE STATIONS Type:

N88 **BRILL S SUPER SERVICE EDR Historical Auto Stations** 1009487503

South 1524 JAY DETROIT, MI 1/8-1/4

0.173 mi.

915 ft. Site 6 of 6 in cluster N

EDR Historical Auto Stations: Relative:

**BRILL S SUPER SERVICE** Name: Lower

Year: 1940

Actual: Type: GASOLINE AND OIL SERVICE STATIONS 619 ft.

ARNST DAVID Name:

> Year: 1940

**AUTOMOBILE REPAIRING** Type:

N/A

Direction Distance

Elevation Site Database(s) EPA ID Number

K89 SALASNEK FISHERIES INC LUST U003320784
ENE 2140 WILKINS ST UST N/A

1/8-1/4 DETROIT, MI 48207

0.174 mi.

920 ft. Site 3 of 3 in cluster K

Relative: LUST: Lower Facility ID:

 Lower
 Facility ID:
 00006166

 Source:
 STATE OF MICHIGAN

 Actual:
 Owner Name:
 Salasnek Fisheries Inc

623 ft. Owner Address: Non Responsiv

Owner City,St,Zip: Owner Contact:

Non Responsive

Owner Phone:
Country:
USA

District: SE Michigan District Office
Site Name: Salasnek Fisheries Inc
Latitude: 42.3517140000
Longitude: -83.0353030000
Date of Collection: 01/11/2001

Method of Collection: Address Matching-House Number

Accuracy: 100 Accuracy Value Unit: FEET

Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Leak Number: C-0131-99
Release Date: 02/12/1999
Substance Released: Diesel
Release Status: Closed
Release Closed Date: 07/15/1999

UST:

 Facility ID:
 00006166

 Facility Type:
 CLOSED

 Latitude:
 42.3517140

 Longitude:
 -83.0353030

Owner Name: SALASNEK FISHERIES INC

Not reported

Owner Address:

Owner City, St, Zip:

Owner Country: Owner Contact:

Owner Phone:
Contact:
Contact Phone:
Date of Collection:

Non Responsi
MIKE PICKENS
(313) 368-2500
01/11/2001

Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83

Source: STATE OF MICHIGAN

Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Tank ID: 1

Tank Status: Removed from Ground

Capacity: 6000 Install Date: 10/08/1976 Product: Diesel **EDR ID Number** 

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

SALASNEK FISHERIES INC (Continued)

Remove Date: 02/12/1999
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel

Impressed Device: No

T90 CLARK OIL EDR Historical Auto Stations 1009489509

ENE 2153 GRATIOT AVE

1/8-1/4 DETROIT, MI

0.175 mi.

926 ft. Site 1 of 7 in cluster T

Relative: EDR Historical Auto Stations:

Lower Name: CLARK OIL

Year: 1970

Actual: Type: GASOLINE STATIONS 622 ft.

022 11.

T91 ABDUL BERRY LUST U003322564

ENE 2153 GRATIOT AVE UST N/A 1/8-1/4 DETROIT, MI 48207 AUL

0.175 mi.

926 ft. Site 2 of 7 in cluster T

Relative: LUST:

Lower Facility ID: 00012812

Source: STATE OF MICHIGAN

Actual: Owner Name: Abdul Berry
622 ft. Owner Address: 2153 Gratiot Ave

Owner City,St,Zip: Detroit, MI 48207
Owner Contact: Not reported
Owner Phone: Non Responsive

Country: USA

District: SE Michigan District Office

 Site Name:
 BP Gas Station

 Latitude:
 42.3499110000

 Longitude:
 -83.0341220000

 Date of Collection:
 01/11/2001

Method of Collection: Address Matching-House Number

Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Leak Number: C-0149-08 Release Date: 07/10/2008

Substance Released: Gasoline, Gasoline, Gasoline, Gasoline

Release Status: Closed Release Closed Date: 09/01/2010

Leak Number: C-0468-04
Release Date: 11/08/2004
Substance Released: Kerosene
Release Status: Closed

U003320784

Direction Distance

Elevation Site Database(s) EPA ID Number

**ABDUL BERRY (Continued)** 

U003322564

**EDR ID Number** 

Release Closed Date: 09/01/2010

UST:

Facility ID: 00012812
Facility Type: ACTIVE
Latitude: 42.3499110
Longitude: -83.0341220
Owner Name: ABDUL BERRY
Owner Address: 2153 GRATIOT AVE
Owner City, St, Zip: DETROIT, MI 48207

Owner Country: USA
Owner Contact: Not reported

Owner Phone: Non Responsiv

Contact: Abdul Berry
Contact Phone: (313) 468-6202
Date of Collection: 01/11/2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83

Source: STATE OF MICHIGAN

Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Tank ID:

Tank Status: Removed from Ground

 Capacity:
 7500

 Install Date:
 04/18/1976

 Product:
 Gasoline

 Remove Date:
 07/08/2008

Tank Release Detection: Manual Tank Gauging, Automatic Tank Gauging

Pipe Realease Detection: Automatic Line Leak Detectors Piping Material: Fiberglass Reinforced Plastic

Piping Type: Pressure, Pressure Constr Material: Lined Interior

Impressed Device: No

Tank ID: 2

Tank Status: Removed from Ground

 Capacity:
 7500

 Install Date:
 04/18/1976

 Product:
 Gasoline

 Remove Date:
 07/08/2008

Tank Release Detection: Manual Tank Gauging, Automatic Tank Gauging

Pipe Realease Detection: Automatic Line Leak Detectors Piping Material: Fiberglass Reinforced Plastic

Piping Type: Pressure
Constr Material: Lined Interior

Impressed Device: No

Tank ID: 3

Tank Status: Removed from Ground

Capacity: 6000
Install Date: 04/18/1976
Product: Kerosene
Remove Date: 11/04/2004

Direction Distance

Elevation Site Database(s) EPA ID Number

ABDUL BERRY (Continued)

Tank Release Detection: Inter Monitoring Double Walled Tank, Manual Tank Gauging

Pipe Realease Detection: Automatic Line Leak Detectors Piping Material: Fiberglass reinforced plastic

Piping Type: Pressure

Constr Material: Cathodically Protected Steel

Impressed Device: No

Tank ID:

Tank Status: Removed from Ground

 Capacity:
 12000

 Install Date:
 01/01/1987

 Product:
 Gasoline

 Remove Date:
 07/08/2008

Tank Release Detection: Manual Tank Gauging, Automatic Tank Gauging

Pipe Realease Detection: Automatic Line Leak Detectors Piping Material: Fiberglass Reinforced Plastic

Piping Type: Pressure

Constr Material: Cathodically Protected Steel

Impressed Device: No

Tank ID:

Tank Status: Removed from Ground

 Capacity:
 5000

 Install Date:
 01/01/1987

 Product:
 Diesel

 Remove Date:
 07/08/2008

Tank Release Detection: Manual Tank Gauging, Automatic Tank Gauging

Pipe Realease Detection: Automatic Line Leak Detectors Piping Material: Fiberglass Reinforced Plastic

Piping Type: Pressure

Constr Material: Cathodically Protected Steel

Impressed Device: No

Tank ID: 6

Tank Status: Currently In Use

Capacity: 12000
Install Date: 07/09/2008
Product: Gasoline
Remove Date: Not reported

Tank Release Detection: Inventory Control, Automatic Tank Gauging, Interstitial Monitoring

Double Walled Tank

Pipe Realease Detection: Interstitial Monitoring Double Walled Piping

Piping Material: Double Walled Piping Type: Pressure

Constr Material: Fiberglass Reinforced Plastic, Double Walled

Impressed Device: Yes

Tank ID: 7

Tank Status: Currently In Use

Capacity: 8000
Install Date: 07/09/2008
Product: Gasoline, Diesel
Remove Date: Not reported

**EDR ID Number** 

U003322564

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**ABDUL BERRY (Continued)** U003322564

Tank Release Detection: Inventory Control, Automatic Tank Gauging, Interstitial Monitoring

Double Walled Tank

Pipe Realease Detection: Interstitial Monitoring Double Walled Piping

Piping Material: **Double Walled** Piping Type: Pressure

Fiberglass Reinforced Plastic, Double Walled Constr Material:

Impressed Device: No

AUL:

Status: Pending Not reported Site Name: Property: on-site location

Land Use Restriction Type: RC Part 213 Program Type: Program Support Assigned User: Not reported Program Support Assigned Date: Not reported Legal Description Of Property: Not reported Based On The Deg Ref #: 11121310087 MDEQ Reference Number: RC-RRD-213-10-087

Property Or Description Restricted Area: Not reported Lead Division: **RRD** File Name Of Hyperlinked Legal Doc: Not reported Mapped Polygon S Area In Acres: Not reported Mapped Polygon S Area In Square Miles: Not reported Date Data Entry Started: Not reported Date Data Entry Finished: Not reported

Individual Or Staff Assoc With The Mapping: Not reported Program Used To Map Restricted Features: Not reported Map Comments: Not reported

7/30/2010, CP requested DNRE reference number. Comment:

Date Legal Paperwork Stamped/Filed/Register Of Deeds: Not reported

Commercial I Land Use Restriction: Commercial li Land Use Restriction: 0 Commercial lii Land Use Restriction: 0 Commercial Iv Land Use Restriction: 0 Industrial Land Use Restriction: 0 Residential Land Use Restriction: 0 Recreational Land Use Restriction: 0 Multiple Land-Use Restrictions: 0 Site Specific Restrictions: 0 Groundwater Consumption Restrictions: 0 **Groundwater Contact Restrictions:** Special Well Construction Requirements: 0 Special Building Restrictions: **Excavation And Soil Movement Restrictions:** 

0 Soil Movement Requirements: 0 There Is A Restriction On All Construction: 0 0 Monitoring Well Protected, No Tampering Or Removal: There Is An Exposure Barrier In Place: 0 There Is A Health And Safety Plan: 0 There Is A Permanent Marker On The Site: 0

Direction Distance

**EDR ID Number** Elevation Site **EPA ID Number** Database(s)

T92 **EDDY ROY EDR Historical Auto Stations** 1009489446 N/A

**ENE** 2130 HENDRICKS **DETROIT, MI** 1/8-1/4

0.177 mi.

937 ft. Site 3 of 7 in cluster T

**EDR Historical Auto Stations:** Relative:

**EDDY ROY** Name: Lower

Year: 1921

Actual: Type: **AUTOMOBILE GARAGES** 

621 ft.

**DETROIT WET WASH LAUNDRY** 93 **EDR Historical Cleaners** 

WNW **1415 ELIOT** 1/8-1/4 **DETROIT, MI** 

0.180 mi. 952 ft.

**EDR Historical Cleaners:** Relative:

DETROIT WET WASH LAUNDRY Higher Name:

Year: 1921

Actual: LAUNDRIES Type:

624 ft.

**EDR Historical Auto Stations** 1009489075

U94 **OSCAR S COLLISION SHOP** 

2009 HALE AVE NNE 1/8-1/4 **DETROIT, MI** 

0.189 mi.

996 ft. Site 1 of 4 in cluster U

**EDR Historical Auto Stations:** Relative:

OSCAR S COLLISION SHOP Name: Higher

Year: 1964

Actual: AUTOMOBILE REPAIRING Type: 625 ft.

V95 BOTTLING GROUP L L C PEPSI BOTTLING GROUP DETROIT MICHIGAN **RCRA-CESQG** 1004533990 NW 1555 MACK AVE. **FINDS** MID985629179

DETROIT, MI 48207 1/8-1/4

0.190 mi.

1005 ft. Site 1 of 3 in cluster V

RCRA-CESQG: Relative:

Higher Date form received by agency: 11/25/1991

Facility name: PEPSI COLA BOTTLING GROUP

Actual: Facility address: 1555 MACK AVE 625 ft.

DETROIT, MI 48207

EPA ID: MID985629179 Contact: PAUL MORICI Contact address: 1555 MACK AVE DETROIT, MI 48207

Contact country: US

Contact telephone: (313) 833-8228 Contact email: Not reported

EPA Region:

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar

month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous

1009476999

N/A

Distance EDR ID Number
Elevation Site EDR ID Number
Database(s) EPA ID Number

### BOTTLING GROUP L L C PEPSI BOTTLING GROUP DETROIT MICHIGAN (Continued)

1004533990

waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator country:

Owner/operator telephone:

Owner/operator name: PEPSI COLA CO
Owner/operator address: Not reported

Not reported Not reported Not reported Private

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Owner/operator name: PEPSI COLA CO
Owner/operator address: Not reported

Not reported

Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

#### Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: Nο Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: Nο Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

# Hazardous Waste Summary:

Waste code: D00

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE

Direction Distance

**EDR ID Number** Elevation Site **EPA ID Number** Database(s)

#### BOTTLING GROUP L L C PEPSI BOTTLING GROUP DETROIT MICHIGAN (Continued)

1004533990

MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

110000406542 Registry ID:

Environmental Interest/Information System

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include: Incident Tracking, Compliance Assistance, and Compliance Monitoring.

V96 **PEPSI BOTTLING GROUP** NW 1555 MACK AVE DETROIT, MI 48207

1/8-1/4 0.190 mi.

1005 ft. Site 2 of 3 in cluster V

LUST: Relative:

Facility ID: 00034571 Higher Source:

STATE OF MICHIGAN Actual: Owner Name: Pepsi Bottling Group 625 ft. Owner Address: 1555 Mack Ave Owner City, St, Zip: Detroit, MI 48207-4719 Owner Contact: Not reported

Owner Phone: USA Country:

District: SE Michigan District Office Pepsi-cola Bottling Corp Site Name:

Latitude: 42.3536130000 Longitude: -83.0430600000 Date of Collection: 01/11/2001

LUST

**UST** 

**AIRS** 

U003325405

Direction Distance

Elevation Site Database(s) EPA ID Number

## PEPSI BOTTLING GROUP (Continued)

Method of Collection: Address Matching-House Number

Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Leak Number:C-0185-08Release Date:08/27/2008Substance Released:Used OilRelease Status:OpenRelease Closed Date:Not reported

UST:

 Facility ID:
 00034571

 Facility Type:
 ACTIVE

 Latitude:
 42.3536130

 Longitude:
 -83.0430600

Owner Name: PEPSI BOTTLING GROUP

Owner Address: 1555 MACK AVE

Owner City,St,Zip: DETROIT, MI 48207-4719

Owner Country: USA
Owner Contact: Not reported

Owner Phone:
Contact:
Contact Phone:
Date of Collection:
Accuracy:

Non Responsi
Charlie Fralay
(313) 833-8254
01/11/2001
100

Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83

Source: STATE OF MICHIGAN

Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Tank ID:

Tank Status: Removed from Ground

 Capacity:
 560

 Install Date:
 09/12/1990

 Product:
 Used Oil

 Remove Date:
 05/19/2009

Tank Release Detection: Automatic Tank Gauging
Pipe Realease Detection: Line Tightness Testing
Piping Material: Cathodically Protected
Piping Type: Suction: No Valve At Tank
Constr Material: Cathodically Protected Steel

Impressed Device: Yes

Tank ID: 2

Tank Status: Currently In Use

Capacity: 10000
Install Date: 04/01/1990
Product: Diesel
Remove Date: Not reported

Tank Release Detection: Automatic Tank Gauging
Pipe Realease Detection: Line Tightness Testing
Piping Material: Cathodically Protected

**EDR ID Number** 

U003325405

Direction Distance

Elevation Site Database(s) EPA ID Number

### PEPSI BOTTLING GROUP (Continued)

U003325405

**EDR ID Number** 

Piping Type: Suction: No Valve At Tank
Constr Material: Cathodically Protected Steel

Impressed Device: Yes

Tank ID:

Tank Status: Currently In Use

Capacity: 10000
Install Date: 04/01/1990
Product: Diesel
Remove Date: Not reported

Tank Release Detection: Automatic Tank Gauging
Pipe Realease Detection: Line Tightness Testing
Piping Material: Cathodically Protected
Piping Type: Suction: No Valve At Tank
Constr Material: Cathodically Protected Steel

Impressed Device: Yes

AIRS:

El Year: 2011 State Registration Number: N5295 Naics Code: Not reported Contact Name: Not reported Contact Phone: Not reported Contact Address: Not reported Contact City, St, Zip: Not reported Permit Number: C-9249 Date Received: 08/19/1991 State Registration Number: N5295 Not reported Country:

Application Reason: PAINT SPRAY BOOTH

Record Type: Not reported State County FIPS: Not reported Facility Category: Not reported SIC Primary: Not reported Tribal Code: Not reported Supplemental Location Text: Not reported Dun & Brad Street Number: Not reported **Business Name:** Not reported Not reported Principal Product: Not reported Principal Product Description:

UTM Zone (Geo Coordinates Universal Transverse Mercator System): Not reported

**UTM Horizontal Coord:** Not reported **UTM Vertical Coord:** Not reported Mailing Name: Not reported Mailing Contact Person: Not reported Mailing Street: Not reported Mailing City: Not reported Mailing State: Not reported Mailing Zip: Not reported Mailing Zip 4 Extension: Not reported Compliance Person: Not reported Compliance Area Code: Not reported Compliance Phone Number: Not reported Emission Inventory Contact Person: Not reported El Contact Area Code: Not reported El Contact Phone Number: Not reported

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

## PEPSI BOTTLING GROUP (Continued)

U003325405

Permit Contact Person: Not reported Not reported Permit Contact Person Area Code: Permit Contact Person Phone Number: Not reported Federal Employer Id Number: Not reported # Of Employees: Not reported Reporting Year: Not reported Date Record Was Created: Not reported

LUST U004120489 **S97 DELTA MANOR INC** 2150 E VERNOR **ENE UST** N/A DETROIT, MI 48207

1/8-1/4 0.191 mi.

1008 ft. Site 2 of 3 in cluster S

Relative: Lower

Actual:

620 ft.

LUST:

00042099 Facility ID: Source: Not reported Owner Name: Delta Manor Inc

Owner Address: 2150 East Vernor Owner City,St,Zip: Detroit, MI 48207 Owner Contact: Not reported Owner Phone:

Country: USA

District: SE Michigan District Office

Site Name: Delta Manor Inc Not reported Latitude: Longitude: Not reported Date of Collection: Not reported Method of Collection: Not reported Not reported Accuracy: Accuracy Value Unit: Not reported Horizontal Data: Not reported Not reported Point Line Area: Desc Category: Not reported

C-0101-08 Leak Number: Release Date: 05/22/2008 Substance Released: Diesel Release Status: Closed 08/13/2008 Release Closed Date:

UST:

00042099 Facility ID: Facility Type: **CLOSED** Latitude: Not reported Longitude: Not reported

**DELTA MANOR INC** Owner Name: Owner Address: 2150 EAST VERNOR Owner City,St,Zip: DETROIT, MI 48207

Owner Country: USA Owner Contact: Not reported

Owner Phone: Sadie Sumner Contact: Contact Phone: (313) 259-5140 Date of Collection: Not reported Not reported Accuracy: Accuracy Value Unit: Not reported Horizontal Datum: Not reported

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**DELTA MANOR INC (Continued)** U004120489

Source: Not reported Not reported Point Line Area: Desc Category: Not reported Method of Collection: Not reported

Tank ID:

Tank Status: **Removed from Ground** 

Capacity: 500

Install Date: Not reported Product: Diesel 05/14/2008 Remove Date: Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Unknown Piping Type: Not reported Constr Material: Unknown Impressed Device: No

STURGHIIL W O 98 **EDR Historical Cleaners** 1009478727 ΝE **2170 PIERCE** N/A

1/8-1/4 **DETROIT, MI** 

0.193 mi. 1019 ft.

**EDR Historical Cleaners:** Relative:

STURGHIIL W O Name: Higher

Year: 1931

Actual: Type: LAUNDRIES-HAND

624 ft.

W99 **HOOKER WILBERT** 1009478836 **EDR Historical Cleaners** 

2236 SAINT AUBIN AVE SE

1/8-1/4 **DETROIT, MI** 

0.193 mi.

1020 ft. Site 1 of 3 in cluster W

**EDR Historical Cleaners:** Relative: Name: HOOPER WILBERT Lower

Year: 1935

Actual: **CLOTHES PRESSERS AND CLEANERS** Type:

617 ft.

Name: HOOKER WILBERT

Year: 1940

**CLOTHES PRESSERS AND CLEANERS** Type:

V100 **MILANO BAKERY** BEA S104911432 N/A

NW **RIOPELLE STREET & MACK AVENUE** 

1/8-1/4 **DETROIT, MI** 

0.194 mi.

1025 ft. Site 3 of 3 in cluster V

Relative:

Secondary Address: VACANT PROPERTY Higher

BEA Number: 464

Actual: Southeast MI District: 625 ft. Date Received: 10/28/1997

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

**MILANO BAKERY (Continued)** S104911432

Submitter Name: MILANO BAKERY

Petition Determination: Affirmed

Petition Disclosure:

No Hazardous Substance(s) Category:

Determination 20107A: Pending Reviewer: williakt

Division Assigned: **Environmental Response Division** 

U101 **QUEEN LAUNDRY CO** 1009480092 **EDR Historical Cleaners** N/A

NNE 3560 SAINT AUBIN AVE

1/8-1/4

**DETROIT, MI** 

0.195 mi.

1030 ft. Site 2 of 4 in cluster U

Relative:

**EDR Historical Cleaners:** 

Higher

QUEEN LAUNDRY CO Name:

Year:

1921 Type: **LAUNDRIES** 

Actual: 625 ft.

QUEEN LAUNDRY CO Name:

Year: 1921

Type: STEAM LAUNDRIES

102 **MURRY ORHAM** LUST S102726091

NW 1490 MACK AVE 1/8-1/4 DETROIT, MI 99999

0.196 mi. 1033 ft.

Relative: Higher

LUST:

Facility ID: 50000029

STATE OF MICHIGAN Source:

Actual: 625 ft.

Owner Name: Nrt Owner Owner Address: Unknown

Owner City, St, Zip: Unknown, MI 99999 Owner Contact: Not reported Owner Phone: Not reported Country: USA

District: SE Michigan District Office

Site Name: Murry Orham Latitude: 42.3531630000 Longitude: -83.0434510000 Date of Collection: 01/11/2001

Method of Collection: Address Matching-House Number 100

Accuracy:

Accuracy Value Unit: FEET Horizontal Data: NAD83 Point Line Area: **POINT** 

Desc Category: Plant Entrance (Freight)

Leak Number: C-1350-90 Release Date: 07/25/1990 Substance Released: Not reported Release Status: Open Release Closed Date: Not reported N/A

**EDR ID Number** 

Direction Distance

**EDR ID Number** Elevation Site **EPA ID Number** Database(s)

W103 **BROADNAX CARRIE MRS EDR Historical Cleaners** 1009478825 SE N/A

2230 SAINT AUBIN AVE

**DETROIT, MI** 1/8-1/4

0.196 mi.

1037 ft. Site 2 of 3 in cluster W **EDR Historical Cleaners:** 

Relative: Name: **BROADNAX CARRIE MRS** Lower

Year: 1940

Actual: Type: LAUNDRIES-HAND

617 ft.

**EDR Historical Auto Stations MALY AND HOFFMAN** 1009489545

T104

1/8-1/4 **DETROIT, MI** 

0.199 mi.

**ENE** 

1052 ft. Site 4 of 7 in cluster T

**EDR Historical Auto Stations:** Relative:

2181 GRATIOT AVE

MALY AND HOFFMAN Name: Lower

Year: 1926

Actual: Type: **AUTOMOBILE GARAGES** 

621 ft.

S105 **OWENS AND GOOLSBY SERVICE EDR Historical Auto Stations** 1009489527

2166 E VERNOR HWY **ENE** N/A

1/8-1/4 **DETROIT, MI** 

0.200 mi.

1056 ft. Site 3 of 3 in cluster S

**EDR Historical Auto Stations:** Relative:

OWENS AND GOOLSBY SERVICE Name: Lower

Year: 1964

Actual: **GASOLINE STATIONS** Type: 620 ft.

T106 **SMALLWOOD JAS EDR Historical Cleaners** 1009478737 N/A

**ENE** 2180 GRATIOT AVE **DETROIT, MI** 1/8-1/4

0.202 mi.

1066 ft. Site 5 of 7 in cluster T

**EDR Historical Cleaners:** Relative:

Name: SMALLWOOD JAS Lower Year: 1921

Actual:

**CLEANERS AND DYERS** Type: 621 ft.

T107 1009489550 **MALY AND HOFFMAN EDR Historical Auto Stations** N/A

**ENE** 2185 GRATIOT AVE

1/8-1/4 **DETROIT, MI** 

0.202 mi.

1069 ft. Site 6 of 7 in cluster T

EDR Historical Auto Stations: Relative:

MALY AND HOFFMAN Name: Lower

Year: 1926

Actual: Type: **AUTOMOBILE GARAGES** 

621 ft.

TC3226380.2s Page 82

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

X108 **EASTERN MARKET GARAGE EDR Historical Auto Stations** 1009486481

wsw 1313 ADELAIDE 1/8-1/4 **DETROIT, MI** 

0.203 mi.

1071 ft. Site 1 of 4 in cluster X

**EDR Historical Auto Stations:** Relative:

EASTERN MARKET GARAGE Lower Name:

Year: 1921

Actual: Type: AUTOMOBILE REPAIRING 621 ft.

Name: EASTERN MARKET GARAGE

> Year: 1921

**AUTOMOBILE GARAGES** Type:

Y109 **GIGLIOTTI RAY T EDR Historical Auto Stations** 1009489547 N/A

**ENE 2181 WILKINS** 1/8-1/4 **DETROIT, MI** 

0.204 mi.

1076 ft. Site 1 of 2 in cluster Y

**EDR Historical Auto Stations:** Relative:

Name: GIGLIOTTI RAY T Lower

Year:

Actual: AUTOMOBILE REPAIRING Type: 623 ft.

Name: GIGLIOTTI RAY T

Year: 1935

> Type: **AUTOMOBILE REPAIRING**

GIGLIOTTI RAY T Name:

Year: 1940

Type: GASOLINE AND OIL SERVICE STATIONS

W110 DRAGER WM **EDR Historical Auto Stations** 1009489616

SE 2210 SAINT AUBIN AVE **DETROIT, MI** 

1/8-1/4

0.206 mi.

1086 ft. Site 3 of 3 in cluster W

EDR Historical Auto Stations: Relative: Lower Name: ST AUBIN MOTOR SALES AND SERVICE

Year: 1926

Actual: AUTOMOBILE REPAIRING Type: 617 ft.

Name: ANDERSON GARAGE

Year: 1931

Type: **AUTOMOBILE GARAGES** 

DRAGER WM Name:

Year:

AUTOMOBILE REPAIRING Type:

N/A

**EDR ID Number** 

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

Z111 **DETROIT HOUSING COMMISSION** LUST U003834727 South 2200 RIOPELLE UST N/A

1/8-1/4 DETROIT, MI 48207

0.208 mi.

1098 ft. Site 1 of 3 in cluster Z

LUST: Relative:

Facility ID: 00039556 Lower

Source: STATE OF MICHIGAN Actual: Owner Name: **Detroit Housing Commission** 618 ft.

Owner Address: Owner City, St, Zip:

Owner Contact: Not reported Owner Phone:

Country: USA

District: SE Michigan District Office Site Name: **Detroit Housing Commission** 

Latitude: 42.3445040000 -83.0371540000 Longitude: Date of Collection: 01/11/2001

Method of Collection: Address Matching-House Number

Accuracy: 100 Accuracy Value Unit: **FEET** 

Horizontal Data: NAD83 Point Line Area: **POINT** 

Desc Category: Plant Entrance (Freight)

Leak Number: C-0145-99 Release Date: 02/16/1999 Substance Released: Gasoline Release Status: Open Release Closed Date: Not reported

UST:

Facility ID: 00039556 Facility Type: **ACTIVE** Latitude: 42.3445040 Longitude: -83.0371540

**DETROIT HOUSING COMMISSION** Owner Name: Owner Address:

Owner City, St, Zip: Owner Country:

USA Owner Contact: Not reported Owner Phone:

Contact: Hurticene Hardaway Contact Phone: (313) 877-8810 Date of Collection: 01/11/2001 100 Accuracy:

Accuracy Value Unit: FEET Horizontal Datum: NAD83 Source:

STATE OF MICHIGAN **POINT** 

Point Line Area:

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Tank ID:

Tank Status: **Currently In Use** 

Capacity: 2000 Install Date: 02/01/1999 Product: Gasoline

**EDR ID Number** 

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**DETROIT HOUSING COMMISSION (Continued)** 

U003834727

Remove Date: Not reported

Tank Release Detection: Inventory Control, Automatic Tank Gauging

Pipe Realease Detection: DIFFERENR SUMPSENSOR, Interstitial Monitoring Double Walled Piping

FLEXIBLE COMPOSITE, Double Walled, Flexible Piping Piping Material:

Piping Type: Suction: No Valve At Tank

Constr Material: Composite (Steel with Fiberglass), Double Walled

Impressed Device: No

Tank ID:

Tank Status: Removed from Ground

2000 Capacity: Install Date: Not reported Product: Not reported 02/16/1999 Remove Date: Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Not reported Piping Type: Not reported Not reported Constr Material:

Impressed Device: No

**GRATIOT DUBOIS SERVICE** T112 **EDR Historical Auto Stations** 1009489556

N/A

1/8-1/4 **DETROIT, MI** 

0.209 mi.

**ENE** 

1105 ft. Site 7 of 7 in cluster T

EDR Historical Auto Stations: Relative:

2190 GRATIOT AVE

**GRATIOT DUBOIS SERVICE** Name: Lower

Year: 1964

Actual: Type: **GASOLINE STATIONS** 

622 ft.

SIGGERS PROFIT Y113 **EDR Historical Cleaners** 1009479534 N/A

**ENE 2928 DUBOIS** 1/8-1/4 **DETROIT, MI** 

0.217 mi.

1148 ft. Site 2 of 2 in cluster Y

**EDR Historical Cleaners:** Relative:

SIGGERS PROFIT Lower Name:

Year: 1935

Actual: Type: CLOTHES PRESSERS AND CLEANERS 622 ft.

Z114 **MEYER ABRAM D EDR Historical Cleaners** 1009477189 N/A

**1467 GRATIOT AVE** South 1/8-1/4 **DETROIT, MI** 

0.218 mi.

1151 ft. Site 2 of 3 in cluster Z

Relative: Name: MEYER ABRAM D Lower

**EDR Historical Cleaners:** 

Year: 1921

Actual: **CLEANERS AND DYERS** Type:

617 ft.

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

U115 **AMOCO PETROLEUM PRODUCTS** UST U003324845 N/A

North **MACK & ST AUBIN** DETROIT, MI 48152 1/8-1/4

0.220 mi.

1159 ft. Site 3 of 4 in cluster U

Relative: Higher

UST:

Facility ID: 00021308 Facility Type: CLOSED Actual: Latitude: 42.3551580 625 ft. Longitude: -83.0384410

> Owner Name: AMOCO PETROLEUM PRODUCTS

Owner Address:

Owner City, St, Zip:

USA Owner Country: Owner Contact: Jeff Weston Owner Phone:

Contact: J.E. WESTON (313) 855-8388 Contact Phone: 01/11/2001 Date of Collection: Accuracy: 100

Accuracy Value Unit: FEET Horizontal Datum: NAD83

STATE OF MICHIGAN Source:

Point Line Area: **POINT** 

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Tank ID:

**Tank Status: Closed in Ground** 

Capacity: 1000 06/23/1980 Install Date: Not reported Product: Remove Date: 04/01/1980 Tank Release Detection: Not reported Pipe Realease Detection: Not reported Galvanized Steel Piping Material: Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID: 2

Tank Status: **Closed in Ground** 

Capacity: 6000 06/23/1980 Install Date: Not reported Product: 04/01/1980 Remove Date: Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Galvanized Steel Not reported Piping Type:

Constr Material: Asphalt Coated or Bare Steel

Impressed Device:

Tank ID:

**Tank Status: Closed in Ground** 

Capacity: 8000

Direction Distance

Elevation Site Database(s) EPA ID Number

# AMOCO PETROLEUM PRODUCTS (Continued)

U003324845

**EDR ID Number** 

Install Date: 06/23/1980
Product: Not reported
Remove Date: 04/01/1980
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID:

Tank Status: Closed in Ground

Capacity: 8000
Install Date: 06/23/1980
Product: Not reported
Remove Date: 04/01/1980
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID: 5

Tank Status: Closed in Ground

Capacity: 8000
Install Date: 06/23/1980
Product: Not reported
Remove Date: 04/01/1980
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel

Impressed Device: No

116 E & S PACKING WSW 1313 ERSKINE ST 1/8-1/4 DETROIT, MI 48207

1/8-1/4 0.223 mi. 1177 ft.

Actual:

622 ft.

Relative: UST:

Lower Facility ID: 00002124

Facility Type: CLOSED
Latitude: 42.3502180
Longitude: -83.0446140

Owner Name: E & S PACKING
Owner Address: 1313 ERSKINE ST
Owner City,St,Zip: DETROIT, MI 48207-4804

Owner Country: USA
Owner Contact: Not reported

Owner Phone:
Contact:
Contact Phone:
Date of Collection:

Non Responsive
BARRY EISENBERG
(313) 832-2710
01/11/2001

UST

U003319677

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

E & S PACKING (Continued)

Accuracy: 100 **FEET** Accuracy Value Unit: Horizontal Datum: NAD83

Source: STATE OF MICHIGAN

Point Line Area: **POINT** 

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Tank ID:

Tank Status: Removed from Ground

Not reported Capacity: 04/17/1971 Install Date: Product: WATER Remove Date: 01/01/1988 Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Unknown Piping Type: Not reported Constr Material: Unknown Impressed Device: No

U117 1009489347 **PELLEGRINO CARLO EDR Historical Auto Stations** 

N/A

1009487274

N/A

N/A

U003319677

North 2100 MACK AVE 1/8-1/4 **DETROIT, MI** 

0.225 mi.

1187 ft. Site 4 of 4 in cluster U

EDR Historical Auto Stations: Relative:

PELLEGRINO CARLO Name: Higher

Year: 1940

Actual: Type: GASOLINE AND OIL SERVICE STATIONS 625 ft.

**EDR Historical Auto Stations** 

Z118 **BESTE GEO C** South **1468 GRATIOT AVE** 

1/8-1/4 **DETROIT, MI** 

0.225 mi.

1188 ft. Site 3 of 3 in cluster Z

EDR Historical Auto Stations: Relative:

Lower Name: BESTE GEO C

Year: 1940

Actual: GASOLINE AND OIL SERVICE STATIONS Type: 617 ft.

**AA119 EMBREY ERNEST EDR Historical Cleaners** 1009476681

**WSW 1325 WATSON** 1/8-1/4 **DETROIT, MI** 

0.226 mi.

1191 ft. Site 1 of 2 in cluster AA

**EDR Historical Cleaners:** Relative:

Name: **EMBREY ERNEST** Lower

Year:

Actual: **CLOTHES PRESSERS AND CLEANERS** Type: 622 ft.

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

**AA120 DETROIT EQUIPMENT CO** RCRA-NonGen 1001220154 WSW **1321 WATSON** FINDS MIR000031286

1/8-1/4 DETROIT, MI 48207

0.226 mi.

1192 ft. Site 2 of 2 in cluster AA

RCRA-NonGen: Relative:

Lower Date form received by agency: 12/31/2001

**DETROIT EQUIPMENT CO** Facility name:

Actual: Facility address: 1321 WATSON 622 ft.

DETROIT, MI 48207

EPA ID: MIR000031286 Mailing address: 1321 WATSON ST

DETROIT, MI 48207

Contact: TOM BLEWETT Contact address: 1321 WATSON

DETROIT, MI 48207

Contact country: US

Contact telephone: (313) 832-6341 Contact email: Not reported

EPA Region: 05

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

NO ACTIVE O/OP AS NOT GENERATING WASTE Owner/operator name:

Owner/operator address: Not reported Not reported

Not reported

Owner/operator country: Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Owner Owner/Op start date: 01/01/2002 Owner/Op end date: Not reported

NO ACTIVE O/OP AS NOT GENERATING WASTE Owner/operator name:

Owner/operator address: Not reported Not reported Owner/operator country: Not reported Owner/operator telephone: Not reported

Private Legal status: Operator Owner/Operator Type: Owner/Op start date: 01/01/2002 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No No Treater, storer or disposer of HW: Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No

**EDR ID Number** 

Direction Distance

**EDR ID Number** Elevation Site **EPA ID Number** Database(s)

**DETROIT EQUIPMENT CO (Continued)** 

1001220154

Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: Nο

**Historical Generators:** 

Date form received by agency: 03/19/1998

**DETROIT EQUIPMENT CO** Facility name: Classification: Small Quantity Generator

Hazardous Waste Summary:

D001 Waste code:

IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF Waste name:

> LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110003705376

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

program staff to track the notification, permit, compliance, and

corrective action activities required under RCRA.

1009489922 **BENNETT S SERVICE STATION EDR Historical Auto Stations** N/A

SSW 2375 RUSSELL 1/8-1/4 **DETROIT, MI** 

0.227 mi. 1197 ft.

121

**EDR Historical Auto Stations:** Relative:

BENNETT S SERVICE STATION Lower Name:

> Year: 1935

Actual: Type: GASOLINE AND OIL SERVICE STATIONS

616 ft.

**AB122 HING CHAS EDR Historical Cleaners** 1009478777 N/A

**ENE** 2210 GRATIOT AVE 1/8-1/4 **DETROIT, MI** 

0.227 mi.

1198 ft. Site 1 of 2 in cluster AB

**EDR Historical Cleaners:** Relative: Name: SEICK LEE Lower Year: 1921

Actual: **LAUNDRIES** Type:

622 ft.

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

HING CHAS (Continued) 1009478777

Name: HING CHAS
Year: 1926
Type: LAUNDRIES
Name: HING CHAS

Year: 1931

Type: LAUNDRIES-CHINESE

AC123 MCL KINNEY S STANDARD SERVICE EDR Historical Auto Stations 1009489346

North 2100 MACK N/A

1/8-1/4 DETROIT, MI

0.227 mi.

1198 ft. Site 1 of 5 in cluster AC

Relative: EDR Historical Auto Stations:

Higher Name: MCL KINNEY S STANDARD SERVICE

Year: 1964

Actual: Type: GASOLINE STATIONS 625 ft.

020 ...

X124 TIBBLTS KARL N EDR Historical Auto Stations 1009486598

SW 1330 WINDER N/A

1/8-1/4 DETROIT, MI

0.229 mi.

1210 ft. Site 2 of 4 in cluster X

Relative: EDR Historical Auto Stations:

Lower Name: TIBBLTS KARL N Year: 1926

Year: 1926
Actual: Type: GASOLINE SERVICE STATIONS

620 ft.

AD125 WHOLESALE RUSSELL/MACK US BROWNFIELDS 1009310657

WNW RUSSELL & MACK AVENUE N/A

1/8-1/4 DETROIT, MI 48207

0.231 mi.

1219 ft. Site 1 of 3 in cluster AD

Relative: US BROWNFIELDS:

Higher Recipient name: R5 Brownfields TBA (previously Superfund TBA)

Grant type: TBA

Actual: Property name: Wholesale Russell/Mack
624 ft. Property #: Not reported

Property #: Not reported
Parcel size: Not reported
Latitude: 42.35222
Longitude: -83.04444
HCM label: Not reported
Map scale: Not reported

Point of reference:
Datum:

ACRES property ID:
Start date:
Completed date:
Acres cleaned up:
Cleanup funding:

Not reported
Not reported
Not reported
Not reported
Not reported
Not reported

Cleanup funding source: Not reported Assessment funding: 1

Distance Elevation

Site Database(s) EPA ID Number

### WHOLESALE RUSSELL/MACK (Continued)

1009310657

**EDR ID Number** 

Assessment funding source: US EPA - TBA Funding

Redevelopment funding:
Redev. funding source:
Redev. funding entity name:
Redevelopment start date:
Assessment funding entity:
Cleanup funding entity:

Not reported
Not reported
EPA
Not reported

Grant type:

Accomplishment type: Phase II Environmental Assessment

Ownership entity: Not reported Not reported Current owner: Not reported Did owner change: Cleanup required: Not reported Video available: Not reported Photo available: Not reported Institutional controls required: Not reported Not reported IC Category proprietary controls: IC cat. info. devices: Not reported IC cat. gov. controls: Not reported IC cat. enforcement permit tools: Not reported IC in place date: Not reported IC in place: Unknown State/tribal program date: Not reported State/tribal program ID: Not reported State/tribal NFA date: Not reported Air contaminated: Not reported Air cleaned: Not reported Asbestos found: Not reported Asbestos cleaned: Not reported Not reported Controled substance found: Controled substance cleaned: Not reported Drinking water affected: Not reported Drinking water cleaned: Not reported Groundwater affected: Not reported Not reported Groundwater cleaned: Not reported Lead contaminant found: Not reported Lead cleaned up: No media affected: Not reported Unknown media affected: Not reported Other cleaned up: Not reported Other metals found: Not reported Not reported Other metals cleaned: Other contaminants found: Not reported Other contams found description: Not reported PAHs found: Not reported PAHs cleaned up: Not reported PCBs found: Not reported PCBs cleaned up: Not reported Petro products found: Not reported Petro products cleaned: Not reported Sediments found: Not reported Sediments cleaned: Not reported Soil affected: Not reported Not reported Soil cleaned up: Surface water cleaned: Not reported Unknown found: Not reported VOCs found: Not reported

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

## WHOLESALE RUSSELL/MACK (Continued)

1009310657

VOCs cleaned: Not reported Cleanup other description: Not reported Num. of cleanup and re-dev. jobs: Not reported Past use greenspace acreage: Not reported Past use residential acreage: Not reported Past use commercial acreage: Not reported Past use industrial acreage: Not reported Future use greenspace acreage: Not reported Future use residential acreage: Not reported Future use commercial acreage: Not reported Future use industrial acreage: Not reported Greenspace acreage and type: Not reported Superfund Fed. landowner flag: Not reported

AC126 **AMOCO PETROLEUM PRODUCTS** UST U003324838 N/A

NNE 7715 MILLER & VAN DYKE 1/8-1/4 DETROIT, MI 48152

0.231 mi.

1220 ft. Site 2 of 5 in cluster AC

UST: Relative:

Facility ID: Higher

Facility Type: **CLOSED** Actual: Latitude: 42.3894620 Longitude: 625 ft. -83.0226900

> Owner Name: AMOCO PETROLEUM PRODUCTS

> > USA

00021299

Owner Address:

Owner City, St, Zip: Owner Country:

Owner Contact: Jeff Weston

Owner Phone: Contact: J.E. WESTON Contact Phone: (313) 855-8388 Date of Collection: 01/11/2001 Accuracy: 100 Accuracy Value Unit: **FEET** 

Horizontal Datum: NAD83

STATE OF MICHIGAN Source:

**POINT** Point Line Area:

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Tank ID:

Tank Status: **Closed in Ground** 

Capacity: 550 Install Date: 06/01/1980 Not reported Product: 09/01/1980 Remove Date: Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Galvanized Steel Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID:

**Tank Status: Closed in Ground** 

Direction Distance

Elevation Site Database(s) EPA ID Number

## **AMOCO PETROLEUM PRODUCTS (Continued)**

U003324838

**EDR ID Number** 

Capacity: 550
Install Date: 06/01/1980
Product: Not reported
Remove Date: 09/01/1980
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID:

Tank Status: Closed in Ground

Capacity: 6000
Install Date: 06/01/1980
Product: Not reported
Remove Date: 09/01/1980
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID:

Tank Status: Closed in Ground

Capacity: 6000
Install Date: 06/01/1980
Product: Not reported
Remove Date: 09/01/1980
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID:

Tank Status: Closed in Ground

Capacity: 8000
Install Date: 06/01/1980
Product: Not reported
Remove Date: 09/01/1980
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID: 6

Tank Status: Closed in Ground

Capacity: 10000

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**AMOCO PETROLEUM PRODUCTS (Continued)** 

U003324838

Install Date: 06/01/1980 Product: Not reported 09/01/1980 Remove Date: Tank Release Detection: Not reported Pipe Realease Detection: Not reported Galvanized Steel Piping Material: Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel

Impressed Device: No

AC127 **BELON LOUIS** 1009491394 **EDR Historical Auto Stations** 

North **3611 SAINT AUBIN AVE** N/A

1/8-1/4 **DETROIT, MI** 

0.231 mi.

1221 ft. Site 3 of 5 in cluster AC

**EDR Historical Auto Stations:** Relative:

Name: ST AUBIN-MACK GARAGE Higher

Year: 1926

Actual: **AUTOMOBILE REPAIRING** Type:

625 ft.

Name: **BELON LOUIS** 

> Year: 1931

AUTOMOBILE REPAIRING Type:

**AB128 FOX STEEL TREATING CO** RCRA-NonGen 1000132650 **FINDS** MID005365937 **ENE** 

2220 GRATIOT AVE 1/8-1/4 DETROIT, MI 48207

0.234 mi.

1236 ft. Site 2 of 2 in cluster AB

RCRA-NonGen: Relative:

Date form received by agency: 09/17/1998 Lower

FOX STEEL TREATING CO Facility name:

Actual: Facility address: 2220 GRATIOT AVE 622 ft. DETROIT, MI 48207

> EPA ID: MID005365937 Contact: PATRICK FOX 2220 GRATIOT AVE Contact address:

DETROIT, MI 48207

Contact country: US

Contact telephone: (313) 259-3188 Contact email: Not reported

EPA Region: 05

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: Owner/operator address: Not reported

Not reported

Owner/operator country: Not reported Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Operator

Owner/Op start date: 01/01/1970

Distance Elevation Site

Site Database(s) EPA ID Number

## FOX STEEL TREATING CO (Continued)

1000132650

**EDR ID Number** 

Owner/Op end date: Not reported

Owner/operator name: WILLIAM R FOX
Owner/operator address: Not reported
Not reported

Owner/operator country: Not reported Not reported Not reported Legal status: Private Owner/Operator Type: Owner Owner/Op start date: 01/01/1970 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: Nο Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

### **Historical Generators:**

Date form received by agency: 06/27/1980

Facility name: FOX STEEL TREATING CO
Classification: Large Quantity Generator

### Hazardous Waste Summary:

Waste code: D00

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110003581062

### Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

Map ID MAP FINDINGS

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**FOX STEEL TREATING CO (Continued)** 

1000132650

N/A

corrective action activities required under RCRA.

AC129 **JUNGA MARY J MRS** 1009489472 **EDR Historical Auto Stations** 

NNE 2140 MACK AVE

DETROIT, MI 1/8-1/4

0.237 mi.

1249 ft. Site 4 of 5 in cluster AC

**EDR Historical Auto Stations:** Relative:

JUNGA MARY J MRS Name: Higher

Year: 1926

Actual: Type: AUTOMOBILE REPAIRING 625 ft.

AC130 **HANK S GARAGE EDR Historical Auto Stations** 1009489488 **NNE** 2144 MACK AVE N/A

1/8-1/4 **DETROIT, MI** 

0.238 mi.

1256 ft. Site 5 of 5 in cluster AC

**EDR Historical Auto Stations:** Relative:

Higher Name: FRANK AND HENRY S GARAGE

Year: 1964

Actual: Type: AUTOMOBILE REPAIRING 625 ft.

Name: HANK S GARAGE

> Year: 1970

AUTOMOBILE REPAIRING Type:

AD131 **ABROM HATTERS AND CLEANERS EDR Historical Cleaners** 1009480125

WNW 3601 RUSSELL N/A

1/8-1/4 **DETROIT, MI** 

0.238 mi.

Site 2 of 3 in cluster AD 1259 ft. **EDR Historical Cleaners:** Relative:

Name: ABROM HATTERS AND CLEANERS Higher

Year:

Actual: Type: HAT CLEANERS AND BLOCKERS 625 ft.

1009486526 **TIBBITS KARL N EDR Historical Auto Stations** N/A

X132

SW **1318 WINDER DETROIT, MI** 1/8-1/4

0.239 mi.

1263 ft. Site 3 of 4 in cluster X

EDR Historical Auto Stations: Relative:

TIBBITS KARL N Lower Name:

Year: 1926

Actual: GASOLINE SERVICE STATIONS Type:

620 ft.

Map ID MAP FINDINGS

Direction Distance

Distance EDR ID Number EDevation Site EDR ID Number Database(s) EPA ID Number

AE133 ABRAMNSON SERVICE EDR Historical Auto Stations 1009490634 WSW 2941 RIVARD N/A

WSW 2941 RIVARD 1/8-1/4 DETROIT, MI

0.240 mi.

1268 ft. Site 1 of 4 in cluster AE

Relative: EDR Historical Auto Stations:

Lower Name: BRAZIL FRANK

Year: 1935

Actual: Type: GASOLINE AND OIL SERVICE STATIONS

622 ft.

Name: ABRAMSON FRED

Year: 1940

Type: GASOLINE AND OIL SERVICE STATIONS

Name: ABRAMNSON SERVICE

Year: 1964

Type: GASOLINE STATIONS

AE134 BURDICE MAX EDR Historical Auto Stations 1009490627

WSW 2935 RIVARD 1/8-1/4 DETROIT, MI

0.241 mi.

1271 ft. Site 2 of 4 in cluster AE

**Relative:** EDR Historical Auto Stations:

Lower Name: BURDICE MAX

Year: 1931

Actual: Type: GASOLINE AND OIL SERVICE STATIONS 622 ft.

AE135 GILBERT HERBERT W EDR Historical Auto Stations 1009490585

WSW 2908 RIVARD 1/8-1/4 DETROIT, MI

0.241 mi.

1274 ft. Site 3 of 4 in cluster AE

Relative: EDR Historical Auto Stations:

**Lower** Name: GILBERT HERBERT W

Year: 1921

Actual: Type: AUTOMOBILE REPAIRING 622 ft.

022 10.

AE136 DUENGEL EDW C EDR Historical Auto Stations 1009490555 WSW 2900 RIVARD EDR Historical Auto Stations N/A

WSW 2900 RIVARD 1/8-1/4 DETROIT, MI

0.241 mi.

1275 ft. Site 4 of 4 in cluster AE

Relative: EDR Historical Auto Stations:

Lower Name: DUENGEL EDW

Year: 1931

Actual: Type: GASOLINE AND OIL SERVICE STATIONS

622 ft.

Name: DUENGEL EDW C

Year: 1935

Type: GASOLINE AND OIL SERVICE STATIONS

Name: DUENGEL EDW C

N/A

Map ID MAP FINDINGS

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**DUENGEL EDW C (Continued)** 1009490555

Year: 1940

GASOLINE AND OIL SERVICE STATIONS Type:

**AD137 ROBSON OTTO EDR Historical Cleaners** 1009480131

WNW 3608 RUSSELL DETROIT, MI 1/8-1/4

0.242 mi.

1279 ft. Site 3 of 3 in cluster AD

**EDR Historical Cleaners:** Relative:

**ROBSON OTTO** Name: Higher

Year: 1935

Actual: Type: **CLOTHES PRESSERS AND CLEANERS** 625 ft.

1009479435

AF138 AND **EDR Historical Cleaners** 

**WSW** 2822 RIVARD 1/8-1/4 **DETROIT, MI** 

0.243 mi.

1283 ft. Site 1 of 5 in cluster AF

**EDR Historical Cleaners:** Relative:

Lower Name: AND Year: 1964

Actual: Type: **CLEANERS AND DYERS** 

621 ft.

AF139 **FREEMAN THOS EDR Historical Cleaners** 1009479433 N/A

**WSW 2816 RIVARD** 1/8-1/4 **DETROIT, MI** 

0.243 mi.

1283 ft. Site 2 of 5 in cluster AF

**EDR Historical Cleaners:** Relative:

FREEMAN THOS Name: Lower

Year: 1935

Actual: **CLOTHES PRESSERS AND CLEANERS** Type: 621 ft.

Name: FREEMAN THOS

> Year: 1940

Type: **CLOTHES PRESSERS AND CLEANERS** 

1009479418 **FOSTER CYRUS EDR Historical Cleaners** 

AF140

wsw **2803 RIVARD DETROIT, MI** 1/8-1/4

0.243 mi.

1285 ft. Site 3 of 5 in cluster AF

**EDR Historical Cleaners:** Relative: Name: FOSTER CYRUS Lower

Year: 1926

Actual: CLEANERS AND DYERS Type:

621 ft.

N/A

N/A

Map ID MAP FINDINGS

Direction Distance

**EDR ID Number** Database(s) Elevation Site **EPA ID Number** 

AF141 **DANDRIDGE MACK EDR Historical Auto Stations** 1009490448 wsw **2800 RIVARD** N/A

1/8-1/4 **DETROIT, MI** 

0.244 mi.

1286 ft. Site 4 of 5 in cluster AF

**EDR Historical Auto Stations:** Relative:

Lower Name: ARENA HENRY

Year: 1921

Actual: **AUTOMOBILE GARAGES** Type: 621 ft.

Name: DANDRIDGE MACK

> Year: 1935

AUTOMOBILE REPAIRING Type:

**EDR Historical Auto Stations** 1009490459 N/A

AF142 **ARENA HENRY** wsw 2804 RIVARD

1/8-1/4 **DETROIT, MI** 

0.244 mi.

1286 ft. Site 5 of 5 in cluster AF

**EDR Historical Auto Stations:** Relative:

Name: ARENA HENRY Lower

Year: 1921

Actual: **AUTOMOBILE GARAGES** Type:

621 ft.

143 **HOPSON MARY EDR Historical Cleaners** 1009479922

West 3414 RIVARD

**DETROIT, MI** 1/8-1/4

0.244 mi. 1288 ft.

**EDR Historical Cleaners:** Relative:

HOPSON MARY Name: Lower

Year: 1926

Actual: **LAUNDRIES** Type: 623 ft.

**EDR Historical Cleaners** 1009479384 AG144 **HOOD SAML** N/A

wsw **2735 RIVARD** 1/8-1/4 **DETROIT, MI** 

0.246 mi.

1298 ft. Site 1 of 3 in cluster AG

EDR Historical Cleaners: Relative: Name: HOOD SAML Lower

Year: 1931

Actual: LAUNDRIES-HAND Type:

621 ft.

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Database(s) Elevation Site **EPA ID Number** 

X145 **SOLOMON MAX EDR Historical Auto Stations** 1009486450 **1310 WINDER** N/A

SW 1/8-1/4 **DETROIT, MI** 

0.246 mi.

1298 ft. Site 4 of 4 in cluster X

**EDR Historical Auto Stations:** Relative:

**SOLOMON MAX** Lower Name:

Year: 1921 Actual: **AUTOMOBILE GARAGES** Type:

620 ft. Name: **SOLOMON GARAGE** 

Year: 1926

**AUTOMOBILE GARAGES** Type:

Name: **SOLOMAN GARAGE** 

Year:

Type: AUTOMOBILE REPAIRING

**SOLOMON GARAGE** Name:

Year: 1931

**AUTOMOBILE GARAGES** Type:

Name: **SOLOMON MAX** 

Year: 1940

Type: AUTOMOBILE REPAIRING

146 **COLEMAN CLYDE E EDR Historical Auto Stations** 1009489473 N/A

SSE **2140 ORLEANS** 

1/8-1/4 **DETROIT, MI** 

0.246 mi. 1300 ft.

**EDR Historical Auto Stations:** Relative:

COLEMAN CLYDE E Lower Name:

Year: 1926

Actual: **AUTOMOBILE GARAGES** Type: 616 ft.

1009479287

**BALLAR THOS EDR Historical Cleaners** AG147 wsw **2635 RIVARD** 

1/8-1/4 **DETROIT, MI** 

0.248 mi.

1310 ft. Site 2 of 3 in cluster AG

**EDR Historical Cleaners:** Relative:

Name: **BALLAR THOS** Lower Year: 1931

Actual: **CLOTHES PRESSERS AND CLEANERS** 

Type: 621 ft.

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**AG148 BENNETT THE TAILOR EDR Historical Cleaners** 1009479275 **WSW** N/A

**2630 RIVARD** 

1/8-1/4 **DETROIT, MI** 

0.248 mi.

Site 3 of 3 in cluster AG 1310 ft.

**EDR Historical Cleaners:** Relative:

Lower Name: BENNETT THE TAILOR

Year: 1926

Actual: Type: **CLEANERS AND DYERS** 621 ft.

**OWENS JESSE** 149 **EDR Historical Auto Stations** 1009489462 N/A

2138 SAINT AUBIN AVE SSE

1/8-1/4 **DETROIT, MI** 

0.250 mi. 1318 ft.

**EDR Historical Auto Stations:** Relative:

Name: **OWENS JESSE** Lower

Year: 1931

Actual: GASOLINE AND OIL SERVICE STATIONS Type: 616 ft.

Name: **OWEN JESSE** 

Year:

GASOLINE AND OIL SERVICE STATIONS Type:

Name: **OWENS JESSE** 

Year: 1940

Type: GASOLINE AND OIL SERVICE STATIONS

150 **COMERICA DEVELOPMENT** LUST S100071922 N/A

**ENE** 2281 GRATIOT AVE 1/4-1/2 DETROIT, MI 99999

0.293 mi. 1545 ft.

LUST: Relative:

Facility ID: 50000398 Lower

STATE OF MICHIGAN Source:

Actual: Owner Name: Nrt Owner 621 ft. Owner Address: Unknown

> Owner City, St, Zip: Unknown, MI 99999 Owner Contact: Not reported Owner Phone: Not reported

Country: USA

District: SE Michigan District Office Site Name: Comerica Development Latitude: 42.3517350000 Longitude: -83.0327190000

Date of Collection: 01/11/2001

Method of Collection: Address Matching-House Number

Accuracy: 100 Accuracy Value Unit: **FEET** Horizontal Data: NAD83 Point Line Area: **POINT** 

Desc Category: Plant Entrance (Freight)

Leak Number: C-1335-91

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**COMERICA DEVELOPMENT (Continued)** 

S100071922

Release Date: 07/01/1991 Substance Released: Unknown Release Status: Open Release Closed Date: Not reported

151 R HIRT JR CO LUST U003329712 wsw 3000 CHRYSLER DR UST N/A

1/4-1/2 DETROIT, MI 48207 0.323 mi.

1706 ft.

LUST: Relative: Lower

00000839 Facility ID:

STATE OF MICHIGAN Source:

Actual: Owner Name: R Hirt Jr Co 620 ft. Owner Address: 3000 Chrysler Dr Detroit, MI 48207-4834 Owner City, St, Zip:

Owner Contact: Not reported Owner Phone:

Country: USA

SE Michigan District Office District:

Site Name: R. Hirt Jr. Co. Inc. Latitude: 42.3483630000 Longitude: -83.0455150000 Date of Collection: 10/05/2004

Method of Collection: Address Matching-House Number

Accuracy: 100 Accuracy Value Unit: **FEET** Horizontal Data: NAD83 Point Line Area: **POINT** 

Plant Entrance (Freight) Desc Category:

Leak Number: C-0842-92 05/22/1992 Release Date:

Diesel, Gasoline, Used Oil Substance Released:

Release Status: Closed Release Closed Date: 07/07/1997

UST:

Facility ID: 00000839 Facility Type: CLOSED Latitude: 42.3483630 Longitude: -83.0455150 Owner Name: R HIRT JR CO 3000 CHRYSLER DR Owner Address: Owner City,St,Zip: DETROIT, MI 48207-4834

Owner Country: USA Owner Contact: Not reported

Owner Phone: Contact: DAVID DEVRIES Contact Phone: (313) 567-1173 Date of Collection: 10/05/2004 Accuracy: 100 Accuracy Value Unit: **FEET** 

Horizontal Datum: NAD83 STATE OF MICHIGAN Source:

Point Line Area: **POINT** 

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number Map ID MAP FINDINGS

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

R HIRT JR CO (Continued) U003329712

Tank ID:

Removed from Ground Tank Status:

10000 Capacity: Install Date: 04/07/1976 Product: Gasoline Remove Date: 04/21/1992 Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Bare Steel, Unknown Piping Type: Suction: No Valve At Tank

Constr Material: Asphalt Coated or Bare Steel, Fiberglass Reinforced plastic

Impressed Device:

Tank ID:

Tank Status: **Removed from Ground** 

10000 Capacity: 04/07/1976 Install Date: Product: Diesel Remove Date: 04/21/1992 Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Bare Steel.Unknown

Piping Type: Suction: No Valve At Tank

Constr Material: Asphalt Coated or Bare Steel, Fiberglass Reinforced plastic

Impressed Device: No

Tank ID:

Tank Status: **Removed from Ground** 

Capacity: 550

Install Date: Not reported Product: Used Oil Remove Date: 04/21/1992 Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Bare Steel

Piping Type: Suction: No Valve At Tank Constr Material: Asphalt Coated or Bare Steel

Impressed Device: No

AH152 AUL S109136904 SHELL SERVICE STATION (DETROIT) N/A

West **975 MACK** 1/4-1/2 DETROIT, MI 48207

0.342 mi.

1805 ft. Site 1 of 2 in cluster AH

AUL: Relative: Status: Pending Lower Site Name: Not reported

Actual: Property: 975 Mack, Detroit 623 ft.

Land Use Restriction Type: RC Program Type:

Part 213 Program Support Assigned User: Not reported Program Support Assigned Date: Not reported Legal Description Of Property: Not reported Based On The Deq Ref #: 11121308078

MDEQ Reference Number: RC-RRD-213-08-078 Map ID MAP FINDINGS

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

### SHELL SERVICE STATION (DETROIT) (Continued)

S109136904

Property Or Description Restricted Area: Not reported Lead Division: RRD File Name Of Hyperlinked Legal Doc: Not reported Mapped Polygon S Area In Acres: Not reported Mapped Polygon S Area In Square Miles: Not reported Date Data Entry Started: Not reported Date Data Entry Finished: Not reported

Individual Or Staff Assoc With The Mapping: Not reported Program Used To Map Restricted Features: Not reported Map Comments: Not reported

5/5/2008, QC requested reference number. Comment:

0

Date Legal Paperwork Stamped/Filed/Register Of Deeds: Not reported

Commercial I Land Use Restriction: 0 Commercial li Land Use Restriction: 0 Commercial lii Land Use Restriction: 0 Commercial Iv Land Use Restriction: 0 Industrial Land Use Restriction: 0 Residential Land Use Restriction: 0 Recreational Land Use Restriction: 0 Multiple Land-Use Restrictions: 0 Site Specific Restrictions: 0 Groundwater Consumption Restrictions: 0 **Groundwater Contact Restrictions:** Special Well Construction Requirements: 0 Special Building Restrictions: Excavation And Soil Movement Restrictions: Soil Movement Requirements: There Is A Restriction On All Construction:

0 0 0 Monitoring Well Protected, No Tampering Or Removal: There Is An Exposure Barrier In Place: 0 0 There Is A Health And Safety Plan: There Is A Permanent Marker On The Site: 0

AH153 **SAFEWAY INVESTMENT** West **975 MACK** 

1/4-1/2 DETROIT, MI 48126

0.345 mi.

1821 ft. Site 2 of 2 in cluster AH

Relative: Lower

LUST: Facility ID: 00010563 Source: STATE OF MICHIGAN

Actual: Owner Name: Safeway Investment 623 ft. Owner Address:

Country:

Owner City, St, Zip: Owner Contact: Not reported Owner Phone:

District: SE Michigan District Office

USA

Site Name: **Shell Station** Latitude: 42.3517240000 Longitude: -83.0473270000 Date of Collection: 01/11/2001

Method of Collection: Address Matching-House Number

Accuracy: 100 Accuracy Value Unit: **FEET** Horizontal Data: NAD83 Point Line Area: **POINT** 

LUST

UST

U003321949

Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

### **SAFEWAY INVESTMENT (Continued)**

U003321949

**EDR ID Number** 

Desc Category: Plant Entrance (Freight)

Leak Number:C-0189-91Release Date:02/05/1991Substance Released:Not reportedRelease Status:ClosedRelease Closed Date:03/28/1997

Leak Number: C-0488-03 Release Date: 11/18/2003

Substance Released: Gasoline, Gasoline, Gasoline

Release Status: Open
Release Closed Date: Not reported

UST:

 Facility ID:
 00010563

 Facility Type:
 ACTIVE

 Latitude:
 42.3517240

 Longitude:
 -83.0473270

Owner Name: SAFEWAY INVESTMENT

Owner Address: Non Responsive

Owner Country:

Owner Country: USA
Owner Contact: Not reported

Owner Phone:

Contact:

Contact Phone:

(313) 624-9911

Date of Collection: 01/11/2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83

Source: STATE OF MICHIGAN

Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Tank ID:

Tank Status: Removed from Ground

Capacity: 4000
Install Date: 04/18/1967
Product: Gasoline
Remove Date: 06/01/1991
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID: 2

Tank Status: Removed from Ground

Capacity: 6000 Install Date: 04/18/1967 Product: Gasoline Remove Date: 06/01/1991

Tank Release Detection: Inter Monitoring Double Walled Tank, Manual Tank Gauging, Tank Tightness

Testing

Map ID MAP FINDINGS
Direction

Distance

Elevation Site Database(s) EPA ID Number

### **SAFEWAY INVESTMENT (Continued)**

U003321949

**EDR ID Number** 

Pipe Realease Detection: Automatic Line Leak Detectors, Interstitial Monitoring Double Walled

Piping,Line Tightness Testing

Piping Material: Double Walled, Fiberglass reinforced plastic, Galvanized Steel

Piping Type: Pressure

Constr Material: Asphalt Coated or Bare Steel, Double Walled

Impressed Device: No

Tank ID:

Tank Status: Removed from Ground

Capacity: 6000
Install Date: 04/18/1967
Product: Gasoline
Remove Date: 06/01/1991
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID:

Tank Status: Removed from Ground

Capacity: 10000
Install Date: 04/17/1970
Product: Gasoline
Remove Date: 06/01/1991
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported

Constr Material: Fiberglass Reinforced plastic

Impressed Device: No

Tank ID: 5

Tank Status: Removed from Ground

Capacity: 550
Install Date: 04/18/1967
Product: Used Oil
Remove Date: 12/01/1988
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID:

Tank Status: Removed from Ground

Capacity: 1000
Install Date: 04/17/1982
Product: Gasoline
Remove Date: 06/01/1991

Tank Release Detection: Inter Monitoring Double Walled Tank, Manual Tank Gauging, Tank Tightness

Map ID MAP FINDINGS

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

### **SAFEWAY INVESTMENT (Continued)**

U003321949

**Testing** 

Pipe Realease Detection: Automatic Line Leak Detectors, Interstitial Monitoring Double Walled

Piping,Line Tightness Testing

Double Walled, Fiberglass reinforced plastic Piping Material:

Piping Type: Pressure

Constr Material: Double Walled, Fiberglass Reinforced plastic

Impressed Device: No

Tank ID:

Tank Status: **Currently In Use** 

12000 Capacity: 06/01/1991 Install Date: Product: Gasoline Remove Date: Not reported

Tank Release Detection: Inter Monitoring Double Walled Tank, Inventory Control, Manual Tank

Gauging, Tank Tightness Testing

Pipe Realease Detection: Automatic Line Leak Detectors, Interstitial Monitoring Double Walled

Piping, Line Tightness Testing

Piping Material: Double Walled, Fiberglass reinforced plastic

Piping Type: Pressure

Constr Material: Double Walled, Fiberglass Reinforced plastic

Impressed Device: No

Tank ID: 10

Tank Status: **Currently In Use** Capacity: 12000 Install Date: 06/01/1991 Product: Gasoline Not reported Remove Date:

Tank Release Detection: Inter Monitoring Double Walled Tank, Inventory Control, Manual Tank

Gauging, Tank Tightness Testing

Pipe Realease Detection: Automatic Line Leak Detectors, Interstitial Monitoring Double Walled

Piping, Line Tightness Testing

Double Walled, Fiberglass reinforced plastic Piping Material:

Piping Type: Pressure

Constr Material: Double Walled, Fiberglass Reinforced plastic

Impressed Device: No

Tank ID: 11

Tank Status: **Currently In Use** 

12000 Capacity: Install Date: 06/01/1991 Product: Gasoline Remove Date: Not reported

Tank Release Detection: Inter Monitoring Double Walled Tank, Inventory Control, Manual Tank

Gauging, Tank Tightness Testing

Pipe Realease Detection: Automatic Line Leak Detectors, Interstitial Monitoring Double Walled

Piping, Line Tightness Testing

Piping Material: Double Walled, Fiberglass reinforced plastic

Piping Type: Pressure

Constr Material: Double Walled, Fiberglass Reinforced plastic

Impressed Device: No Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

154 FORMER GAS STATION -TOLAN PARK LUST S110625155
West 3909 HASTINGS N/A

West 3909 HASTINGS 1/4-1/2 DETROIT, MI 48201

0.477 mi. 2521 ft.

Relative: LUST:

Lower Facility ID: 00042270 Source: Not reported

Actual: Owner Name: The Detroit Medical Center

621 ft. Owner Address: Non Responsive

Owner City,St,Zip: Owner Contact:

Owner Phone:

Country: USA

District: SE Michigan District Office
Site Name: Former Gas Station -Tolan Park

Not reported Latitude: Not reported Longitude: Date of Collection: Not reported Method of Collection: Not reported Not reported Accuracy: Accuracy Value Unit: Not reported Horizontal Data: Not reported Point Line Area: Not reported Desc Category: Not reported

Leak Number:C-0090-10Release Date:07/15/2010Substance Released:GasolineRelease Status:ClosedRelease Closed Date:11/22/2010

**EDR ID Number** 

Count: 20 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
DETROIT	1001485376	MI DEPT/TRANSPORTATION	I 75 UNDER MARKET ST (M 3)	48207	FINDS,RCRA-CESQG
DETROIT	1001485380	MI DEPT/TRANSPORTATION	175 UNDER RUSSELL CONN TO M 3	48207	FINDS,RCRA-CESQG
DETROIT	1003108968	MARIA POLISHING & PLATING	6317 KERCHEVAL AVE./6425 CHARL	48207	CERCLIS-NFRAP,FINDS
DETROIT	1007101508	CITY OF DETROIT FIRE DEPARTMENT	BEAUBIEN & WINDER	48226	RCRA-NLR
DETROIT	1007990025	MI DEPT/TRANSPORTATION	RAMP FROM M10 OVER JEFFERSON A	48201	RCRA-NLR
DETROIT	1012127272	BRUSH PARK FRATERNAL CIVIC CENTER	WOODWARD AVE/JOHN R/ERSKINE/WA	48226	BROWNFIELDS
DETROIT	1014392837	CITY OF DETROIT/FIRE DEPT	17872 ST LOUIS ST	48226	RCRA-NLR
DETROIT	2002627813	ORLEANS ST.	ORLEANS ST.	0	ERNS
DETROIT	89112068	ALLEY WEST OF ORLEANS ST, 2 POLES	ALLEY WEST OF ORLEANS ST, 2 PO		ERNS
DETROIT	S102726271	NORTH CHRYSLER PLANT	KERCHEVAL & CHARLEVOIX	99999	LUST
DETROIT	S102851732	WAYNE STATE UNIVERSITY	ELLIMAN BLDG 421 E CANFIELD	99999	LUST
DETROIT	S103085328	MDES (METRO DETROIT ENVRIO SERVICE	7900 & 7950 DIX AVE.		HWS
DETROIT	S103085381	FUEL DEVICES	696 HART	48214	HWS,AIRS
DETROIT	S103085383	PORTERFIELDS MARINA VLG	FREUD AND ST. JEAN		HWS
DETROIT	S103095077	UNISYS WORLD HQ DETROIT	ONE UNISYS PLACE		DEL SHWS,HWS
DETROIT	S103594571	JEFFERSON CONNORS INDUSTRIAL PRO	JEFFERSON AVE & CONNERS AVE		HWS
DETROIT	S103594578	CHESAPEAKE PROPERTIES	FORT ST WAREHOUSE		HWS
DETROIT	S103594582	PORTERFIELD MARINA	ST JEAN & FREUD		HWS
DETROIT	S103594610	ST. ANNE'S GATE PROPERTIES	16TH & 18TH STREET OF LAFAYETT	48216	DEL SHWS,HWS
DETROIT	S108671850	FORMER GASOLINE STATIONS	2900 E VERNOR HWY (FORMERLY) 2	99999	LUST

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

### STANDARD ENVIRONMENTAL RECORDS

#### Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 06/30/2011 Source: EPA
Date Data Arrived at EDR: 07/12/2011 Telephone: N/A

Number of Days to Update: 79 Next Scheduled EDR Contact: 01/23/2012
Data Release Frequency: Quarterly

**NPL Site Boundaries** 

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 Telephone: 415-947-4246

EPA Region 10

Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 06/30/2011 Source: EPA
Date Data Arrived at EDR: 07/12/2011 Telephone: N/A

Number of Days to Update: 79 Next Scheduled EDR Contact: 01/23/2012
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994

Number of Days to Update: 56

Source: EPA Telephone: 202-564-4267 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

#### Federal Delisted NPL site list

**DELISTED NPL: National Priority List Deletions** 

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 06/30/2011 Date Data Arrived at EDR: 07/12/2011 Date Made Active in Reports: 09/29/2011

Number of Days to Update: 79

Source: EPA Telephone: N/A

Last EDR Contact: 10/12/2011

Next Scheduled EDR Contact: 01/23/2012 Data Release Frequency: Quarterly

#### Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/25/2011 Date Data Arrived at EDR: 03/01/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 62

Source: EPA

Telephone: 703-412-9810 Last EDR Contact: 11/29/2011

Next Scheduled EDR Contact: 03/12/2012 Data Release Frequency: Quarterly

### FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/10/2010 Date Data Arrived at EDR: 01/11/2011 Date Made Active in Reports: 02/16/2011

Number of Days to Update: 36

Source: Environmental Protection Agency

Telephone: 703-603-8704 Last EDR Contact: 10/14/2011

Next Scheduled EDR Contact: 01/23/2012 Data Release Frequency: Varies

#### Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 02/25/2011 Date Data Arrived at EDR: 03/01/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 62

Source: EPA

Telephone: 703-412-9810 Last EDR Contact: 11/29/2011

Next Scheduled EDR Contact: 03/12/2012 Data Release Frequency: Quarterly

### Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/09/2011 Date Data Arrived at EDR: 03/15/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 91

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 11/14/2011

Next Scheduled EDR Contact: 02/27/2012 Data Release Frequency: Quarterly

### Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/15/2011 Date Data Arrived at EDR: 07/07/2011 Date Made Active in Reports: 08/08/2011

Number of Days to Update: 32

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 10/05/2011

Next Scheduled EDR Contact: 01/16/2012 Data Release Frequency: Quarterly

### Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2011 Date Data Arrived at EDR: 07/07/2011 Date Made Active in Reports: 08/08/2011

Number of Days to Update: 32

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 10/05/2011

Next Scheduled EDR Contact: 01/16/2012 Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/15/2011 Date Data Arrived at EDR: 07/07/2011 Date Made Active in Reports: 08/08/2011

Number of Days to Update: 32

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 10/05/2011

Next Scheduled EDR Contact: 01/16/2012 Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2011 Date Data Arrived at EDR: 07/07/2011 Date Made Active in Reports: 08/08/2011

Number of Days to Update: 32

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 10/05/2011

Next Scheduled EDR Contact: 01/16/2012 Data Release Frequency: Varies

#### Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/16/2011 Date Data Arrived at EDR: 03/25/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 81

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 12/09/2011

Next Scheduled EDR Contact: 03/26/2012 Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/16/2011 Date Data Arrived at EDR: 03/25/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 81

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 12/09/2011

Next Scheduled EDR Contact: 03/26/2012 Data Release Frequency: Varies

### Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 10/03/2011 Date Data Arrived at EDR: 10/04/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 38

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 10/04/2011

Next Scheduled EDR Contact: 01/16/2012 Data Release Frequency: Annually

### State- and tribal - equivalent CERCLIS

SHWS: Contaminated Sites

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 10/31/2011 Date Data Arrived at EDR: 11/02/2011 Date Made Active in Reports: 11/22/2011

Number of Days to Update: 20

Source: Department of Natural Resources & Environment

Telephone: 517-373-9541 Last EDR Contact: 08/02/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Semi-Annually

### State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Solid Waste Facilities Database

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 01/05/2011 Date Data Arrived at EDR: 01/07/2011 Date Made Active in Reports: 02/14/2011

Number of Days to Update: 38

Source: Department of Natural Resources & Environment

Telephone: 517-335-4035 Last EDR Contact: 10/03/2011

Next Scheduled EDR Contact: 01/16/2012 Data Release Frequency: Semi-Annually

### State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Sites

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Telephone: 517-373-9837

Date of Government Version: 10/01/2011 Source: Department of Natural Resources & Environment

Date Data Arrived at EDR: 10/06/2011 Date Made Active in Reports: 11/16/2011

Number of Days to Update: 41

Last EDR Contact: 11/22/2011 Next Scheduled EDR Contact: 03/05/2012

Data Release Frequency: Annually

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/16/2011 Date Data Arrived at EDR: 06/02/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 103

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011 Date Data Arrived at EDR: 09/13/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 59

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/01/2011 Date Data Arrived at EDR: 11/01/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 10

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 11/01/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/02/2011 Date Data Arrived at EDR: 11/04/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 7

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 01/31/2011 Date Data Arrived at EDR: 02/01/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 48

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 08/11/2011 Date Data Arrived at EDR: 08/12/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 32

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Semi-Annually

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/18/2011 Date Data Arrived at EDR: 08/19/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 25

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Quarterly

### State and tribal registered storage tank lists

UST: Underground Storage Tank Facility List

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 10/01/2011 Date Data Arrived at EDR: 10/06/2011 Date Made Active in Reports: 11/15/2011

Number of Days to Update: 40

Source: Department of Natural Resources & Environment

Telephone: 517-335-4035 Last EDR Contact: 11/22/2011

Next Scheduled EDR Contact: 03/05/2012 Data Release Frequency: Annually

UST 2: Underground Storage Tank Listing

A listing of underground storage tank site locations that have unknown owner information.

Date of Government Version: 07/29/2011 Date Data Arrived at EDR: 07/29/2011 Date Made Active in Reports: 09/06/2011

Number of Days to Update: 39

Source: Department of Environmental Quality

Telephone: 517-335-7211 Last EDR Contact: 10/24/2011

Next Scheduled EDR Contact: 02/06/2012 Data Release Frequency: Quarterly

AST: Aboveground Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 09/21/2011 Date Data Arrived at EDR: 09/27/2011 Date Made Active in Reports: 11/15/2011

Number of Days to Update: 49

Source: Department of Natural Resources & Environment

Telephone: 517-373-8168 Last EDR Contact: 11/17/2011

Next Scheduled EDR Contact: 03/05/2012 Data Release Frequency: No Update Planned

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/02/2011 Date Data Arrived at EDR: 11/04/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 7

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 08/11/2011 Date Data Arrived at EDR: 08/12/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 32

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 08/04/2011 Date Data Arrived at EDR: 08/05/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 39

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/18/2011 Date Data Arrived at EDR: 08/19/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 25

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2011 Date Data Arrived at EDR: 06/01/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 13

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012

Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 07/01/2011 Date Data Arrived at EDR: 08/26/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 18

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011 Date Data Arrived at EDR: 05/11/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 34

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/01/2011 Date Data Arrived at EDR: 11/01/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 10

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010 Date Data Arrived at EDR: 02/16/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 55

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 10/17/2011

Next Scheduled EDR Contact: 01/30/2012 Data Release Frequency: Varies

### State and tribal institutional control / engineering control registries

AUL: Engineering and Institutional Controls

A listing of sites with institutional and/or engineering controls in place.

Date of Government Version: 09/19/2011 Date Data Arrived at EDR: 09/21/2011 Date Made Active in Reports: 09/30/2011

Number of Days to Update: 9

Source: Department of Natural Resources & Environment

Telephone: 517-373-4828 Last EDR Contact: 12/05/2011

Next Scheduled EDR Contact: 03/19/2012 Data Release Frequency: Varies

### State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008 Date Data Arrived at EDR: 04/22/2008 Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009

Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 08/04/2011 Date Data Arrived at EDR: 10/04/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 38

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 10/04/2011

Next Scheduled EDR Contact: 01/16/2012 Data Release Frequency: Varies

### State and tribal Brownfields sites

BROWNFIELDS: Brownfields and USTfield Site Database

All state funded Part 201 and 213 sites, as well as LUST sites that have been redeveloped by private entities using the BEA process. Be aware that this is not a list of all of the potential brownfield sites in Michigan.

Date of Government Version: 11/04/2011 Date Data Arrived at EDR: 11/04/2011 Date Made Active in Reports: 11/22/2011

Number of Days to Update: 18

Source: Department of Natural Resources & Environment

Telephone: 517-373-4805 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Varies

BROWNFIELDS 2: Brownfields Building and Land Site Locations

A listing of brownfield building and land site locations. The listing is a collaborative effort of Michigan Economic Development Corporation, Michigan Economic Developers Association, Detrot Edison, Detroit Area Commercial Board of Realtors

Date of Government Version: 04/09/2007 Date Data Arrived at EDR: 04/10/2007 Date Made Active in Reports: 05/01/2007

Number of Days to Update: 21

Source: Economic Development Corporation

Telephone: 888-522-0103 Last EDR Contact: 12/05/2011

Next Scheduled EDR Contact: 03/19/2012 Data Release Frequency: Varies

#### ADDITIONAL ENVIRONMENTAL RECORDS

#### Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 06/27/2011 Date Data Arrived at EDR: 06/27/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 78

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 09/28/2011

Next Scheduled EDR Contact: 01/09/2012 Data Release Frequency: Semi-Annually

### Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 09/21/2009

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 09/26/2011

Next Scheduled EDR Contact: 01/09/2012 Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985 Date Data Arrived at EDR: 08/09/2004 Date Made Active in Reports: 09/17/2004

Number of Days to Update: 39

Source: Environmental Protection Agency

Telephone: 800-424-9346 Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

SWRCY: Recycling Facilities

A listing of recycling center locations.

Date of Government Version: 11/24/2009 Date Data Arrived at EDR: 09/30/2010 Date Made Active in Reports: 10/28/2010

Number of Days to Update: 28

Source: Department of Natural Resources & Environment

Telephone: 517-241-5719 Last EDR Contact: 10/06/2011

Next Scheduled EDR Contact: 01/16/2012 Data Release Frequency: Varies

HIST LF: Inactive Solid Waste Facilities

The database contains historical information and is no longer updated.

Date of Government Version: 03/01/1997 Date Data Arrived at EDR: 02/28/2003 Date Made Active in Reports: 03/06/2003

Number of Days to Update: 6

Source: Department of Natural Resources & Environment

Telephone: 517-335-4034 Last EDR Contact: 02/28/2003 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998 Date Data Arrived at EDR: 12/03/2007 Date Made Active in Reports: 01/24/2008

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245 Last EDR Contact: 11/07/2011

Next Scheduled EDR Contact: 02/20/2012 Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 06/08/2011 Date Data Arrived at EDR: 09/16/2011 Date Made Active in Reports: 09/29/2011

Number of Days to Update: 13

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 12/05/2011

Next Scheduled EDR Contact: 03/19/2012 Data Release Frequency: Quarterly

DEL SHWS: Delisted List of Contaminated Sites

Sites that have been delisted or deleted from the List of Contaminated Sites. The available documentation for the site does not support it's listing or the site no longer meets criteria specified in rules.

Date of Government Version: 11/07/2011 Date Data Arrived at EDR: 11/07/2011 Date Made Active in Reports: 11/22/2011

Number of Days to Update: 15

Source: Department of Natural Resources & Environment

Telephone: 517-373-9541 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Varies

CDL: Clandestine Drug Lab Listing

A listing of clandestine drug lab locations.

Date of Government Version: 10/20/2008 Date Data Arrived at EDR: 11/18/2008 Date Made Active in Reports: 11/21/2008

Number of Days to Update: 3

Source: Department of Community Health

Telephone: 517-373-3740 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012

Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007 Date Data Arrived at EDR: 11/19/2008 Date Made Active in Reports: 03/30/2009

Number of Days to Update: 131

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009 Data Release Frequency: No Update Planned

### Local Lists of Registered Storage Tanks

UST 2: Underground Storage Tank Listing

A listing of underground storage tank site locations that have unknown owner information.

Date of Government Version: 07/29/2011 Date Data Arrived at EDR: 07/29/2011 Date Made Active in Reports: 09/06/2011

Number of Days to Update: 39

Source: Department of Environmental Quality

Telephone: 517-335-7211 Last EDR Contact: 10/24/2011

Next Scheduled EDR Contact: 02/06/2012 Data Release Frequency: Quarterly

### Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 09/09/2011 Date Data Arrived at EDR: 09/16/2011 Date Made Active in Reports: 09/29/2011

Number of Days to Update: 13

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005 Date Data Arrived at EDR: 12/11/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 31

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 11/22/2011

Next Scheduled EDR Contact: 03/05/2012 Data Release Frequency: Varies

LIENS: Lien List

An Environmental Lien is a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property, including (but not limited to) liens imposed pursuant to CERCLA 42 USC \* 9607(1) and similar state or local laws. In other words: a lien placed upon a property's title due to an environmental condition

Date of Government Version: 06/13/2011 Date Data Arrived at EDR: 07/25/2011 Date Made Active in Reports: 07/29/2011

Number of Days to Update: 4

Source: Department of Natural Resources & Environment

Telephone: 517-373-9837 Last EDR Contact: 10/28/2011

Next Scheduled EDR Contact: 02/06/2012 Data Release Frequency: Varies

### Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 10/04/2011 Date Data Arrived at EDR: 10/04/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 38

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 10/04/2011

Next Scheduled EDR Contact: 01/16/2012 Data Release Frequency: Annually

PEAS: Pollution Emergency Alerting System

Environmental pollution emergencies reported to the Department of Environmental Quality such as tanker accidents, pipeline breaks, and release of reportable quantities of hazardous substances.

Date of Government Version: 06/01/2011 Date Data Arrived at EDR: 10/21/2011 Date Made Active in Reports: 11/16/2011

Number of Days to Update: 26

Source: Department of Natural Resources & Environment

Telephone: 517-373-8427 Last EDR Contact: 12/12/2011

Next Scheduled EDR Contact: 03/26/2012 Data Release Frequency: Quarterly

#### Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/15/2011 Date Data Arrived at EDR: 07/07/2011 Date Made Active in Reports: 08/08/2011

Number of Days to Update: 32

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 10/05/2011

Next Scheduled EDR Contact: 01/16/2012 Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/29/2011 Date Data Arrived at EDR: 08/09/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 94

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 11/08/2011

Next Scheduled EDR Contact: 02/20/2012 Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 11/10/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 62

Source: USGS

Telephone: 888-275-8747 Last EDR Contact: 10/20/2011

Next Scheduled EDR Contact: 01/30/2012 Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 08/12/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 112

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 12/09/2011

Next Scheduled EDR Contact: 03/26/2012 Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/01/2011 Date Data Arrived at EDR: 08/19/2011 Date Made Active in Reports: 09/29/2011

Number of Days to Update: 41

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 10/03/2011

Next Scheduled EDR Contact: 01/16/2012 Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/31/2011 Date Data Arrived at EDR: 09/14/2011 Date Made Active in Reports: 09/29/2011

Number of Days to Update: 15

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 12/14/2011

Next Scheduled EDR Contact: 03/26/2012 Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010 Date Data Arrived at EDR: 10/21/2010 Date Made Active in Reports: 01/28/2011

Number of Days to Update: 99

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 11/29/2011

Next Scheduled EDR Contact: 03/12/2012 Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/18/2011 Date Data Arrived at EDR: 09/08/2011 Date Made Active in Reports: 09/29/2011

Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 12/07/2011

Next Scheduled EDR Contact: 03/19/2012 Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 12/17/2010 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 94

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 12/02/2011

Next Scheduled EDR Contact: 03/12/2012 Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006 Date Data Arrived at EDR: 09/29/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 64

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 09/27/2011

Next Scheduled EDR Contact: 01/09/2012 Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667 Last EDR Contact: 11/28/2011

Next Scheduled EDR Contact: 03/12/2012 Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA Telephone: 202-566-1667 Last EDR Contact: 11/28/2011

Next Scheduled EDR Contact: 03/12/2012 Data Release Frequency: Quarterly

### HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2007

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

### HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2008

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

### SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 12/10/2010 Date Made Active in Reports: 02/25/2011

Number of Days to Update: 77

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Annually

### ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 01/07/2011 Date Data Arrived at EDR: 01/21/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 59

Source: Environmental Protection Agency

Telephone: 202-564-5088 Last EDR Contact: 09/26/2011

Next Scheduled EDR Contact: 01/09/2012 Data Release Frequency: Quarterly

### PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2010 Date Data Arrived at EDR: 11/10/2010 Date Made Active in Reports: 02/16/2011

Number of Days to Update: 98

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 10/19/2011

Next Scheduled EDR Contact: 01/30/2012 Data Release Frequency: Annually

### MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/21/2011 Date Data Arrived at EDR: 07/15/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 60

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 12/12/2011

Next Scheduled EDR Contact: 03/26/2012 Data Release Frequency: Quarterly

#### RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/11/2011 Date Data Arrived at EDR: 01/13/2011 Date Made Active in Reports: 02/16/2011

Number of Days to Update: 34

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 10/13/2011

Next Scheduled EDR Contact: 01/23/2012 Data Release Frequency: Quarterly

### FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/14/2010 Date Data Arrived at EDR: 04/16/2010 Date Made Active in Reports: 05/27/2010

Number of Days to Update: 41

Source: EPA

Telephone: (312) 353-2000 Last EDR Contact: 12/13/2011

Next Scheduled EDR Contact: 03/26/2012 Data Release Frequency: Quarterly

### RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4104 Last EDR Contact: 06/02/2008

Next Scheduled EDR Contact: 09/01/2008 Data Release Frequency: No Update Planned

### BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 03/01/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 62

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 11/30/2011

Next Scheduled EDR Contact: 03/12/2012 Data Release Frequency: Biennially

### WDS: Waste Data System

The Waste Data System (WDS) tracks activities at facilities regulated by the Solid Waste, Scrap Tire, Hazardous Waste, and Liquid Industrial Waste programs.

Date of Government Version: 02/28/2011 Date Data Arrived at EDR: 03/01/2011 Date Made Active in Reports: 03/28/2011

Number of Days to Update: 27

Source: Department oF Natural Resources & Environment

Telephone: 517-373-9875 Last EDR Contact: 11/28/2011

Next Scheduled EDR Contact: 03/12/2012 Data Release Frequency: Quarterly

#### UIC: Underground Injection Wells Database

A listing of underground injection well locations. The UIC Program is responsible for regulating the construction, operation, permitting, and closure of injection wells that place fluids underground for storage or disposal.

Date of Government Version: 11/01/2011 Date Data Arrived at EDR: 11/02/2011 Date Made Active in Reports: 11/22/2011

Number of Days to Update: 20

Source: Department of Natural Resources & Environment

Telephone: 517-241-1515 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Varies

# DRYCLEANERS: Drycleaning Establishments

A listing of drycleaning facilities in Michigan.

Date of Government Version: 11/08/2011

Date of Government Version: 11/08/2011 Date Data Arrived at EDR: 11/10/2011 Date Made Active in Reports: 11/22/2011

Number of Days to Update: 12

Source: Department of Natural Resources & Environment

Telephone: 517-335-4586 Last EDR Contact: 10/24/2011

Next Scheduled EDR Contact: 02/06/2012

Data Release Frequency: Varies

### NPDES: List of Active NPDES Permits

General information regarding NPDES (National Pollutant Discharge Elimination System) permits and NPDES Storm Water permits.

Date of Government Version: 10/11/2011 Date Data Arrived at EDR: 10/12/2011 Date Made Active in Reports: 11/16/2011

Number of Days to Update: 35

Source: Department of Natural Resources & Environment

Telephone: 517-241-1300 Last EDR Contact: 10/12/2011

Next Scheduled EDR Contact: 01/23/2012 Data Release Frequency: Varies

AIRS: Permit and Emissions Inventory Data Permit and emissions inventory data.

> Date of Government Version: 09/21/2011 Date Data Arrived at EDR: 10/27/2011 Date Made Active in Reports: 11/22/2011

Number of Days to Update: 26

Source: Department of Natural Resources & Environment

Telephone: 517-373-7074 Last EDR Contact: 09/19/2011

Next Scheduled EDR Contact: 01/09/2012 Data Release Frequency: Varies

#### BEA: BASELINE ENVIRONMENTAL ASSESSMENT DATABASE

A Baseline Environmental Assessment (BEA) allows people to purchase or begin operating at a facility without being held liable for existing contamination. BEAs are used to gather enough information about the property being transferred so that existing contamination can be distinguished from any new releases that might occur after the new owner or operator takes over the property.

Date of Government Version: 08/29/2011 Date Data Arrived at EDR: 08/31/2011 Date Made Active in Reports: 09/09/2011

Number of Days to Update: 9

Source: Department of Natural Resources & Environment

Telephone: 517-373-9541 Last EDR Contact: 11/21/2011

Next Scheduled EDR Contact: 03/05/2012 Data Release Frequency: Semi-Annually

### INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 12/08/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 34

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 10/20/2011

Next Scheduled EDR Contact: 01/30/2012 Data Release Frequency: Semi-Annually

### SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011 Date Data Arrived at EDR: 03/09/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 54

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 10/24/2011

Next Scheduled EDR Contact: 02/06/2012 Data Release Frequency: Varies

### FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 02/06/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 339

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 10/20/2011

Next Scheduled EDR Contact: 01/30/2012

Data Release Frequency: N/A

### PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008 Date Data Arrived at EDR: 02/18/2009 Date Made Active in Reports: 05/29/2009

Number of Days to Update: 100

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 11/04/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010 Date Data Arrived at EDR: 01/03/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 77

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 12/08/2011

Next Scheduled EDR Contact: 03/26/2012 Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 08/07/2009 Date Made Active in Reports: 10/22/2009

Number of Days to Update: 76

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 12/08/2011

Next Scheduled EDR Contact: 01/30/2012 Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

Coal fired power plants in Southeast Michigan that have coal ash handling on site.

Date of Government Version: 04/21/2011 Date Data Arrived at EDR: 04/21/2011 Date Made Active in Reports: 05/13/2011

Number of Days to Update: 22

Source: Department of Natural Resources & Environment

Telephone: 586-753-3754 Last EDR Contact: 10/11/2011

Next Scheduled EDR Contact: 01/23/2012 Data Release Frequency: Varies

FINANCIAL ASSURANCE 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 10/21/2011 Date Data Arrived at EDR: 10/25/2011 Date Made Active in Reports: 11/16/2011 Number of Days to Update: 22 Source: Department of Natural Resources & Environment

Telephone: 517-335-6610 Last EDR Contact: 10/11/2011

Next Scheduled EDR Contact: 01/23/2012 Data Release Frequency: Varies

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 01/05/2011 Date Data Arrived at EDR: 01/07/2011 Date Made Active in Reports: 02/14/2011

Number of Days to Update: 38

Source: Department of Natural Resources & Environment

Telephone: 517-335-4034 Last EDR Contact: 10/03/2011

Next Scheduled EDR Contact: 01/16/2012 Data Release Frequency: Varies

**EDR PROPRIETARY RECORDS** 

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Source: EDR, Inc.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A

Telephone: N/A Last EDR Contact: N/A Number of Days to Update: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A

Telephone: N/A Last EDR Contact: N/A

Source: EDR, Inc.

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

### OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2007 Date Data Arrived at EDR: 08/26/2009 Date Made Active in Reports: 09/11/2009

Number of Days to Update: 16

Source: Department of Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 11/22/2011

Next Scheduled EDR Contact: 03/05/2012 Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010 Date Data Arrived at EDR: 07/20/2011 Date Made Active in Reports: 08/11/2011

Number of Days to Update: 22

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 10/18/2011

Next Scheduled EDR Contact: 01/30/2012 Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD

acility.

Date of Government Version: 08/01/2011 Date Data Arrived at EDR: 08/09/2011 Date Made Active in Reports: 09/16/2011

Number of Days to Update: 38

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 11/08/2011

Next Scheduled EDR Contact: 02/20/2012 Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008 Date Data Arrived at EDR: 12/01/2009 Date Made Active in Reports: 12/14/2009

Number of Days to Update: 13

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 09/26/2011

Next Scheduled EDR Contact: 01/09/2012 Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2010 Date Data Arrived at EDR: 06/24/2011 Date Made Active in Reports: 06/30/2011

Number of Days to Update: 6

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 11/28/2011

Next Scheduled EDR Contact: 03/12/2012 Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010 Date Data Arrived at EDR: 08/19/2011 Date Made Active in Reports: 09/15/2011

Number of Days to Update: 27

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 09/19/2011

Next Scheduled EDR Contact: 01/02/2012 Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data Source: Rextag Strategies Corp. Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

**Nursing Homes** 

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

**Public Schools** 

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are

comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Centers, Group & Family Homes

Source: Bureau of REgulatory Services

Telephone: 517-373-8300

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory Source: Department of Natural Resources

Telephone: 517-241-2254

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

### STREET AND ADDRESS INFORMATION

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# **GEOCHECK®-PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

2902 ORLEANS 2902 ORLEANS DETROIT, MI 48207

### **TARGET PROPERTY COORDINATES**

Latitude (North): 42.34970 - 42° 20' 58.9" Longitude (West): 83.0385 - 83° 2' 18.6"

Universal Tranverse Mercator: Zone 17 UTM X (Meters): 332095.8 UTM Y (Meters): 4690402.5

Elevation: 624 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map: 42083-C1 DETROIT, MI

Most Recent Revision: 1980

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

- 1. Groundwater flow direction, and
- 2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

#### **GROUNDWATER FLOW DIRECTION INFORMATION**

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

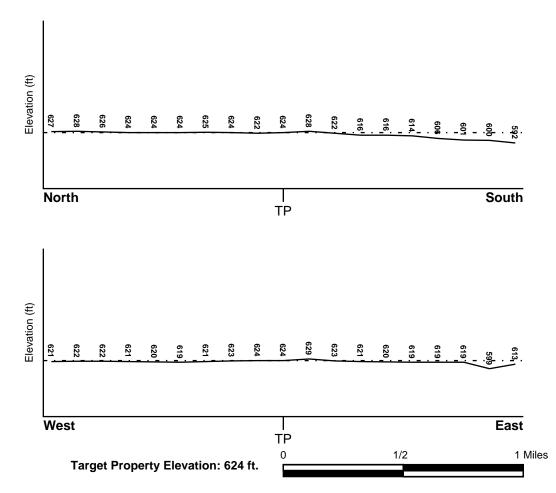
#### **TOPOGRAPHIC INFORMATION**

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

#### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

#### **SURROUNDING TOPOGRAPHY: ELEVATION PROFILES**



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

#### HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

**FEMA FLOOD ZONE** 

FEMA Flood Electronic Data

Target Property County WAYNE, MI

YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:

2602220035B - FEMA Q3 Flood data

Additional Panels in search area:

2602220030B - FEMA Q3 Flood data

**NATIONAL WETLAND INVENTORY** 

NWI Electronic

NWI Quad at Target Property

Data Coverage

**DETROIT** 

YES - refer to the Overview Map and Detail Map

#### **HYDROGEOLOGIC INFORMATION**

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

#### Site-Specific Hydrogeological Data\*:

Search Radius: 1.25 miles Status: Not found

#### **AQUIFLOW®**

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

 MAP ID
 FROM TP
 GROUNDWATER FLOW

 Not Reported
 GROUNDWATER FLOW

#### **GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

#### **GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

#### **GEOLOGIC AGE IDENTIFICATION**

Era: Paleozoic Category: Stratified Sequence

System: Devonian
Series: Middle Devonian

Code: D2 (decoded above as Era, System & Series)

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

#### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBANLAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

Soil Layer Information							
	Boundary Classification						
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	60 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

#### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: clay loam

loamy fine sand loamy sand

Surficial Soil Types: clay loam

loamy fine sand loamy sand

Shallow Soil Types: sand

silty clay

Deeper Soil Types: silt loam

sand clay loam silty clay

#### **LOCAL / REGIONAL WATER AGENCY RECORDS**

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

#### WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 1 mile

State Database 1.000

FEDERAL USGS WELL INFORMATION

MAP ID WELL ID FROM TP

No Wells Found

#### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID FROM TP

No PWS System Found

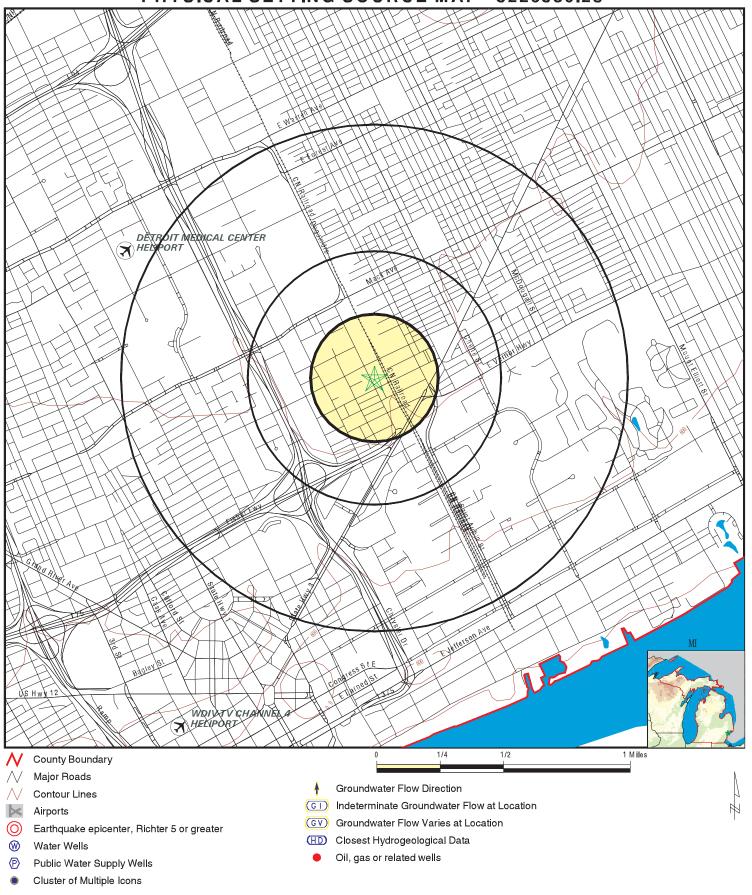
Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID WELL ID LOCATION FROM TP

No Wells Found

## PHYSICAL SETTING SOURCE MAP - 3226380.2s



SITE NAME: 2902 Orleans ADDRESS: 2902 Orleans CLIENT: AKT Environme CONTACT: Jennifer Panek **AKT Environmental Consultants** 

Detroit MI 48207 INQUIRY #: 3226380.2s LAT/LONG: 42.3497 / 83.0385

DATE: December 19, 2011 2:45 pm

# GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS RADON

#### AREA RADON INFORMATION

State Database: MI Radon

Radon Test Results

Zipcode	Test Date	LT Sign	Result
48207	8/16/2002		1.3
48207	2/19/2003	<	0.3
48207	11/29/2004		0.8
48207	11/16/2006		0.8
48207	10/29/2001		2.3
48207	12/20/2000	<	0.3
48207	10/10/2007		3.3
48207	10/19/2004		3.8
48207	10/19/2004		2.0
48207	10/19/2004		1.5
48207	10/19/2004		1.4

Federal EPA Radon Zone for WAYNE County: 3

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 48207

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.300 pCi/L	100%	0%	0%

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### **TOPOGRAPHIC INFORMATION**

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

#### HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory Source: Department of Natural Resources

Telephone: 517-241-2254

#### HYDROGEOLOGIC INFORMATION

AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

#### **GEOLOGIC INFORMATION**

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

#### PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### LOCAL / REGIONAL WATER AGENCY RECORDS

#### FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

#### STATE RECORDS

Water Well Data

Source: Department of Environmental Quality

Telephone: 517-335-9218

#### OTHER STATE DATABASE INFORMATION

Michigan Oil and Gas Wells

Source: Department of Environmental Quality

Locations of oil and gas wells are compiled from permit records on file at the Geological Survey Division (GSD), Michigan Department of Natural Resources.

#### **RADON**

State Database: MI Radon

Source: Department of Environmental Quality

Telephone: 517-335-9551 Radon Test Results

Michigan Radon Test Results

Source: Department of Environmental Quality

Telephone: 517-335-8037

These results are from test kits distributed by the local health departments and used by

Michigan residents. There is no way of knowing whether the devices were used properly, whether there are duplicates (or repeat verification) test (i.e., more than one sample per home), etc.

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency

(USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at

private sources such as universities and research institutions.

**EPA Radon Zones** 

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor

radon levels.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

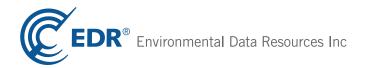
#### STREET AND ADDRESS INFORMATION

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THORN APPLE VALLEY - ORLEANS 2900 ORLEANS STREET DETROIT, MI 48207

Inquiry Number: February 15, 2012

# **EDR Site Report**™



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The EDR-Site Report<sup>™</sup> is a comprehensive presentation of government filings on a facility identified in a search of federal, state and local environmental databases. The report is divided into three sections:

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	Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.	
Section	on 2: Facility Detail Reports	4
	All available detailed information from databases where sites are identified.	
Section	on 3: Databases and Update Information	9
	Name, source, update dates, contact phone number and description of each of the databases for this report.	

**Thank you for your business.** Please contact EDR at 1-800-352-0050 with any questions or comments.

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# **SECTION 1: FACILITY SUMMARY**

FACILITY	FACILITY 1 THORN APPLE VALLEY - ORLEANS 2900 ORLEANS STREET DETROIT, MI 48207 EDR ID #1001814502 EPA #MISFN0507966
WASTE MANAGEMENT Facility generates hazardous waste (RCRA)	NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSDF)	NO
Facility has received Notices of Violations (RCRA/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	NO
Facility manages registered underground storage tanks (UST)	NO
Facility has reported leaking underground storage tank incidents (LUST)	NO
Facility has reported emergency releases to the soil (ERNS)	NO
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
WASTE DISPOSAL Facility is a Superfund Site (NPL)	NO
Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	YES - p4
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LF)	NO
MULTIMEDIA Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has inspections under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	YES - p7
Facility is listed in a county/local unique database (LOCAL)	NO
POTENTIAL SUPERFUND LIABILITY Facility has a list of potentially responsible parties PRP	YES - p8
TOTAL (YES)	3

#### **WASTE DISPOSAL**

#### DATABASE: Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)

THORN APPLE VALLEY - ORLEANS 2900 ORLEANS STREET DETROIT, MI 48207

EDR ID #1001814502

CERCLIS:

Site ID: EPA ID: 0507966 MISFN0507966 WAYNE

Facility County: Short Name:

THORN APPLE VALLEY - ORLE

Congressional District: 15 IFMŠ ID: **B5H4** SMSA Number: USGC Hydro Unit: Federal Facility: Not reported Not reported

Not a Federal Facility

DMNSN Number: Not reported Site Orphan Flag: Not reported RCRA ID: USGS Quadrangle: Not reported Not reported Site Init By Prog: NFRAP Flag: Not reported Parent ID: Not reported

Not reported RST Code: EPA Region: Classification: 05 Not reported Site Settings Code: Not reported Not on the NPL

Site Settings Code:
NPL Status:
DMNSN Unit Code:
RBRAC Code:
RResp Fed Agency Code:
Non NPL Status:
Non NPL Status Date: Not reported Not reported Not reported

Removal Only Site (No Site Assessment Work Needed) 20000114

26163 Site Fips Code: CC Concurrence Date: Not reported

CC Concurrence FY: Alias EPA ID: Site FUDS Flag: Not reported Not reported Not reported

CERCLIS Site Contact Name(s):

Contact ID: 5271208.00000 Contact Name: ROSS POWERS Contact Tel: Not reported

On-Scene Coordinator (OSC) Contact Title:

Contact Email: Not reported

5272313.00000 BRIAN KELLY (734) 692-7684 Contact ID: Contact Name: Contact Tel:

On-Scene Coordinator (OSC) Contact Title:

Contact Email: Not reported

CERCLIS Site Alias Name(s):

Alias ID: 101 Alias Name: **IBP** 

Alias Address: Not reported Not reported Alias Comments: Not reported

Possible Brownsfield opportunity. MDQB reported amonia tanks, PCBs, fuel oil, Site Description:

and abandoned drums in facility. Company bankrupt.

**CERCLIS Assessment History:** 

Action Code: Action: REMOVAL Date Started: 08/08/2008 Date Completed: 08/11/2008 Priority Level: Stabilized Operable Unit: SITEWIDE Primary Responsibility: **EPA Fund-Financed** Primary

Planning Status: Urgency Indicator: Emergency

Action Anomaly: Original Action Take Over

Financial Records(fiscal year, ID, date, payment, description): 2008 0001 08/25/2008 25000.00 Commitment

...Continued...

2008 0001	09/11/2008	25000 00 Decemmitment
	09/11/2008	25000.00 Decommitment
2008 0001 2009 0001	10/20/2008	25000.00 Actual Obligation
2009 0001		3936.00 Extramural Outlay (Payment) 3936.00 Actual Obligation
2009 0001		3936.00 Deobligation
2009 0002		1555.00 Extramural Outlay (Payment)
2009 0003		1555.00 Actual Obligation
2009 0002		1555.00 Deobligation
2009 0003		550.00 Extramural Outlay (Payment)
2009 0004		550.00 Actual Obligation
2009 0003		550.00 Deobligation
	01/27/2009	200.00 Deobligation
2009 0004		200.00 Extramural Outlay (Payment)
	01/30/2009	200.00 Actual Obligation
	02/25/2009	785.00 Actual Obligation
	02/25/2009	785.00 Deobligation
2009 0005		785.00 Extramural Outlay (Payment)
2009 0006		102.00 Deobligation
2009 0007		102.00 Actual Obligation
	03/23/2009	102.00 Extramural Outlay (Payment)
	04/20/2009	1005.00 Actual Obligation
2009 0007		1005.00 Extramural Outlay (Payment)
2009 0007		1005.00 Deobligation
	04/28/2009	16017.00 Deobligation
2009 0008		16017.00 Extramural Outlay (Payment)
	05/28/2009	1205.00 Deobligation
	05/28/2009	1205.00 Actual Obligation
	05/28/2009	1205.00 Extramural Outlay (Payment)
	06/23/2009	4887.00 Deobligation
2009 0010		4887.00 Extramural Outlay (Payment)
2009 0010		4887.00 Actual Obligation
2009 0011		3467.00 Deobligation
2009 0011		3467.00 Extramural Outlay (Payment)
2009 0011		3467.00 Actual Obligation
2009 0012		8400.00 Deobligation
2009 0002		40000.00 Commitment
	08/24/2009	4392.00 Deobligation
2009 0012		4392.00 Actual Obligation
2009 0012		4392.00 Extramural Outlay (Payment)
2009 0016		40000.00 Actual Obligation
2009 0002		40000.00 Decommitment
2010 0017		32500.00 Deobligation
2010 0013 2010 0014		291.00 Actual Obligation 291.00 Deobligation
2010 0013		291.00 Extramural Outlay (Payment)
2010 0015		698.00 Extramural Outlay (Payment)
2010 0016		698.00 Deobligation
2010 0015 2010 0014		833.00 Deobligation
2010 0014		833.00 Actual Obligation
		833.00 Extramural Outlay (Payment)
2010 0015	12/30/2009	37.00 Actual Obligation
2010 0001	12/30/2009	37.00 Extramural Deoutlay (Credit)
2010 0017	05/10/2010	220.00 Actual Obligation
2010 0017		220.00 Extramural Outlay (Payment)
2010 0018		1025.00 Actual Obligation
2010 0019		220.00 Deobligation
2010 0016		1025.00 Extramural Outlay (Payment)
	05/10/2010	1025.00 Deobligation
2010 0020	07/27/2010	106.00 Deobligation

Action Code:

Action Code:
Action:
Date Started:
Date Completed:
Priority Level:
Operable Unit:
Primary Responsibility:
Planning Status:
Urgency Indicator:
Action Anomaly: Notice Letters Issued Not reported 12/03/2008 12/03/2008
Not reported
SITEWIDE
Federal Enforcement
Not reported
Not reported
Not reported

Action Code:
Action:
Date Started:
Date Completed:
Priority Level:
Operable Unit:
Primary Responsibility:
Planning Status:
Urgency Indicator:
Action Anomaly: 001
UNILATERAL ADMIN ORDER
Not reported
12/23/2008
Not reported
SITEWIDE
Federal Enforcement
Not reported

Not reported Not reported Not reported

Action Code: 001

...Continued...

Action:
Date Started:
Date Completed:
Priority Level:
Operable Unit:
Primary Responsibility:
Planning Status:
Urgency Indicator:
Action Anomaly: POTENTIALLY RESPONSIBLE PARTY EMERGENCY REMOVAL 08/11/2008 04/11/2009 Stabilized SITEWIDE Responsible Party Primary Emergency New Action Resulting from Take Over

Action Code:

001 POTENTIALLY RESPONSIBLE PARTY REMOVAL 04/01/2009 07/30/2009

Action Code:
Action:
Date Started:
Date Completed:
Priority Level:
Operable Unit:
Primary Responsibility:
Planning Status:
Urgency Indicator:
Action Anomaly: Cleaned up SITEWIDE Responsible Party Primary Time Critical Not reported

...Continued...

#### **MULTIMEDIA**

#### Facility is listed in EPA's index system

DATABASE: Facility Index System (FINDS)

THORN APPLE VALLEY - ORLEANS 2900 ORLEANS STREET DETROIT, MI 48207 EDR ID #1001814502

This site is listed in the Federal FINDS database. The FINDS database may contain references to records from government

databases included elsewhere in the report.

Please note: the FINDS database may also contain references to out of date records formerly associated with the site.

110009292924 Registry ID:

Facility Name: THORN APPLE VALLEY - ORLEANS

Facility Address: 2900 ORLEANS STREET DETROIT, MI 48207-4812 2900 ORLEANS STREET

Facility County: Facility URL: WAYNE

http://iaspub.epa.gov/enviro/fii\_query\_detail.disp\_program\_facility?p\_registry\_id=110009292924

FIPS: 26163 Fed Facility: Not reported Fed Agency: Tribal Land: Not reported Not reported Tribal Name: Not reported Congressional District:

Hydrologic Unit Code: EPA Region: 04090004

05

POTENTIALLY CONTAMINATED SITE 01-MAR-00 02-JUL-09

Site Type:
Date Created:
Date Updated:
U.S-Mexico Border: Not reported Latitude: 42.349727 Longitude: -83.038844

Conveyor: **FRS** 

Horizontal Collection: ADDRESS MATCHING-HOUSE NUMBER

Horizontal Accuracy:

Referance Point: ENTRANCE POINT OF A FACILITY OR STATION

Horizontal Datum: NAD83 Coordinates Source: Not reported Environmental Interest/Information System

CERCLIS (Compréhensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and

actual site activities, and financial information.

Program System ID: MISFN0507966 Program Sys. Name: **CERCLIS** Env. Interest Type: Env. Interest Start Dt.: SUPERFUND Not reported DISCOVERY DATE Start Date Qualifier: Env. Interest End Dt.: Not reported Not reported End Date Qualifier: CERCLIS Data Source: Active Code: Not reported

Alternative Name: IRP

Date Updated:

Supplemental Interest: SUPERFUND PGM Sys ID: ICIS 05-2009-1008 Supplemental PGM Sys ID: Start Date:

23-DEC-08 FINAL ORDER ISSUED Start Date Qualifier:

Not reported

End Date: Not reported End Date Qualifier: Not reported ICIS 02-APR-09 Date Source: Last Reported: Date Created: 28-MAY-09

...Continued...

#### POTENTIAL SUPERFUND LIABILITY

Facility has a list of potentially responsible parties PRP

**DATABASE: Superfund Enforcement Tracking System (PRP)** 

THORN APPLE VALLEY - ORLEANS 2900 ORLEANS STREET DETROIT, MI 48207 EDR ID #1001814502

**PRP Name** 

ADRIAN & BLISSFIELD COMPANY

FOODLE, LLC

#### **SECTION 3: DATABASES AND UPDATE DATES**

To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

**Elapsed ASTM days:** Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

#### DATABASES FOUND IN THIS REPORT

#### CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA

Telephone: 703-412-9810

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL

Date of Government Version: 02/25/2011 Date Made Active at EDR: 05/02/2011 Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/01/2011 Elapsed ASTM Days: 62 Date of Last EDR Contact: 11/29/2011

#### FINDS: Facility Index System/Facility Registry System

INDS: Facility Index System/Facility Registry System
Source: EPA
Telephone: Not reported
Facility Index System. FINDS contains both facility information and 'pointers' to other sources
that contain more detail. EDR includes the following FINDS databases in this report: PCS
(Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement
Docket used to manage and track information on civil judicial enforcement cases for all environmental
statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System
used to track criminal enforcement actions for all environmental statutes), FFIS (Federal
Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS
(PCB Activity Data System). (PCB Activity Data System).

Date of Government Version: 08/02/2011 Date of Last EDR Contact: 12/13/2011 Date of Next Scheduled Update: 03/26/2012 Database Release Frequency: Quarterly

ORLEANS ST. ORLEANS ST. DETROIT, MI 0

Inquiry Number: February 15, 2012

# EDR Site Report<sup>™</sup>



#### TABLE OF CONTENTS

The EDR-Site Report<sup>™</sup> is a comprehensive presentation of government filings on a facility identified in a search of federal, state and local environmental databases. The report is divided into three sections:

Section	on 1: Facility Summary
	Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.
Section	on 2: Facility Detail Reports
	All available detailed information from databases where sites are identified.
Section	on 3: Databases and Update InformationPage 7
	Name, source, update dates, contact phone number and description of each of the databases for this report.

**Thank you for your business.**Please contact EDR at 1-800-352-0050 with any questions or comments.

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# **SECTION 1: FACILITY SUMMARY**

FACILITY	FACILITY 1 ORLEANS ST. ORLEANS ST. DETROIT. MI 0
AREA	EDR ID #2002627813
WASTE MANAGEMENT Facility generates hazardous waste (RCRA)	NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSDF)	NO
Facility has received Notices of Violations (RCRA/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	NO
Facility manages registered underground storage tanks (UST)	NO
Facility has reported leaking underground storage tank incidents (LUST)	NO
Facility has reported emergency releases to the soil (ERNS)	YES - p4
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
WASTE DISPOSAL Facility is a Superfund Site (NPL)	NO
Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	NO
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LF)	NO
MULTIMEDIA Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has inspections under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	NO
Facility is listed in a county/local unique database (LOCAL)	NO
POTENTIAL SUPERFUND LIABILITY Facility has a list of potentially responsible parties PRP	NO
TOTAL (YES)	1

#### **WASTE MANAGEMENT**

Facility has reported emergency releases to the soil

**DATABASE: Emergency Response Notification System (ERNS)** 

ORLEANS ST. ORLEANS ST. DETROIT, MI 0 EDR ID #2002627813

ERNS:

Site ID: 2002627813 Incident cause:

DUMPING THE CALLER STATED THAT THE TRUCKS ARE WASHED OUT AT THE LOCATION AND THE Incident desc:

MATERIALS ARE BEING WASHED DOWN THE STORM DRAINS.

Incident type: **FIXED** 20021031 Incident date: DISCOVERED Incident TG: Inc location: Not reported Incident address: ORLEANS ST. DETROIT, MI 0 Not reported

Distance from city: Lat/Long:

Lat/Long quad:

Incident date: 10/31/2002

Township/section/range://

WMD flag: Not reported Rad flag: Not reported Bio flag: False Amt material flag: False Military: Not reported LNG flag: False

Fire involved: No Fire extinguished: Unknown Any evacuees: No

Number of evacs: Not reported Who evacuated: Not reported Radius of evacuation: Not reported Any injuries: Number injured: Nο Not reported Number hospitalized: Not reported Any fatalities: Nο

Any damage: No

Damage amount: Not reported Air corridor desc: Not reported Air corridor closed: Not reported Water description: Not reported

Water closed: No Not reported

Water closed time: Road closed: No

Road closed desc:

Not reported Road closed time: Not reported Closure direction: Not reported Major artery: No

Tráck closéd: No

Track closed time: Not reported Tr. close direction: Not reported Track description: Not reported Media interest: NONE Medium affected: WATER

Additional medium: STORM DRAINS Body of water: STORM DRAINS Tributary: UNKNOWN Near river: Not reported Release secured: No

Est. duration of rel.: Not reported Release rate: Not reported Not reported Not reported Rel. rate units: Rel. per units: Remedial action: NONE. Agency on scene: Other agency: State agency notified: Not reported Not reported Not reported Fed. agency notified: Structure name: Not reported Not reported Structure type: Not reported Not reported UNKNOWN Struct. operator: Weather:

Air temp:

...Continued...

Wind speed: Wind speed unit: Not reported Not reported Wind direction: Water contaminated: Nο Sheen size: Not reported Sheen size units: Sheen color: Sheen direction: Not reported UNKNOWN Not reported Sheen odor: Not reported Sheen length: Not reported Sheen len units: Not reported Not reported Sheen width: Sheen wid. units: Not reported Wave condit: Not reported Current speed: Not reported Current speed units: Not reported Current direction: Not reported Water temp: Not reported Allision: Not reported Employees injured: Not reported Employee fatalities: Not reported Passengers injured: Not reported Passenger fatalities: Not reported Occupant fatalities: Not reported Community impact: No Offshore: Addition info: Aircraft type: UNKNOWN

THE CALLER STATED THIS HAS BEEN ONGOING FOR OVER A YEAR.

Aircraft model: Not reported Aircraft ID: Not reported Not reported Not reported Not reported Not reported Aircraft fuel cap: Capacity units: Fuel onboard: Fuel units: Spot number: AC hanger: Not reported Not reported Not reported Not reported AC runway: Mile marker:
Building ID:
Type fixed obj: Not reported OTHER Power gen facility: No

Generation capacity: Not reported Fuel type: NPDES: NPDES compliance: Not reported Not reported Unknown Not reported Pipe type: Unknown ABOVE DOT regulated: Pipe above: Exposed underwtr: No Pipe covered: Unknown Railroad hotline: Not reported

Grade crossing: No Location subdivision: Not reported Railroad milepost: Not reported Vehicle type: Not reported Crossing device: Device operational: Not reported Yes DOT crossing #: Not reported

Brakes failed: No

Not reported ABOVE Tank description: Above ground tank: Tank regulated: Tank ID: Unknown Not reported Tank regulated by: Tank capacity: Capacity units: Actual amount: Not reported Not reported Not reported Not reported Not reported Amount units: Transportable container: Unknown Platform rig name: Platform letter: Not reported Not reported

Not reported Not reported Local area ID: Local block ID: Not reported OCSG number: State lease #: Not reported Pier dock #: Not reported Berth slip #: Not reported Initial continuous rel #: Not reported Cont. rel permit: Not reported Allision: No

Structure type:

Not reported Structure: Not reported Structure operator:

Air bag deployed: Not reported

...Continued...

Date time normal srvc: Not reported Not reported Not reported Not reported Not reported Service disruption time: Transit bus flag: Begin date: End date: Change date: Not reported

Call received date:
Complete date:
Call Taker:
Call Type:
Responsible Party:
RP telephone:
RP tel type:
Responsible company:
RC organization type: 20021031 20021031 JVT9878 INC UNKNOWN

Not reported
CATTLEMAN'S MEAT PROCESSING
PRIVATE ENTERPRISE
ORLEANS ST.
DETROIT, MI 0

RC organization type:

PR address: Initial caller: Initial caller tel: Not reported Not reported Initially reported comp.: Not reported Not reported TELEPHONE On behalf:

PROCESSED MEAT TALLOW

Spilled material name: Material CHRIS code: Mat. CAS number: 000000-00-0 Material UN #: Not reported

Amount of spilled mat.: 0

Mat. amount unit: **UNKNOWN AMOUNT** 

Mat. reached water: YES Amount in water:

Amount in water units: **UNKNOWN AMOUNT** 

## **SECTION 3: DATABASES AND UPDATE DATES**

To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

**Elapsed ASTM days:** Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

#### DATABASES FOUND IN THIS REPORT

ERNS: Emergency Response Notification System
Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180

Emergency Response Notification System. ERNS records and stores information on reported releases

of oil and hazardous substances.

Date of Last EDR Contact: 01/18/2012 Date of Next Scheduled Update: 04/16/2012 Date of Government Version: 10/03/2011 Database Release Frequency: Annually

# APPENDIX E AERIAL PHOTOGRAPH DOCUMENTATION

2902 Orleans

2902 Orleans Detroit, MI 48207

Inquiry Number: 3226380.4

December 20, 2011

# The EDR Aerial Photo Decade Package



# **EDR Aerial Photo Decade Package**

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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# **Date EDR Searched Historical Sources:**

Aerial Photography December 20, 2011

# **Target Property:**

2902 Orleans

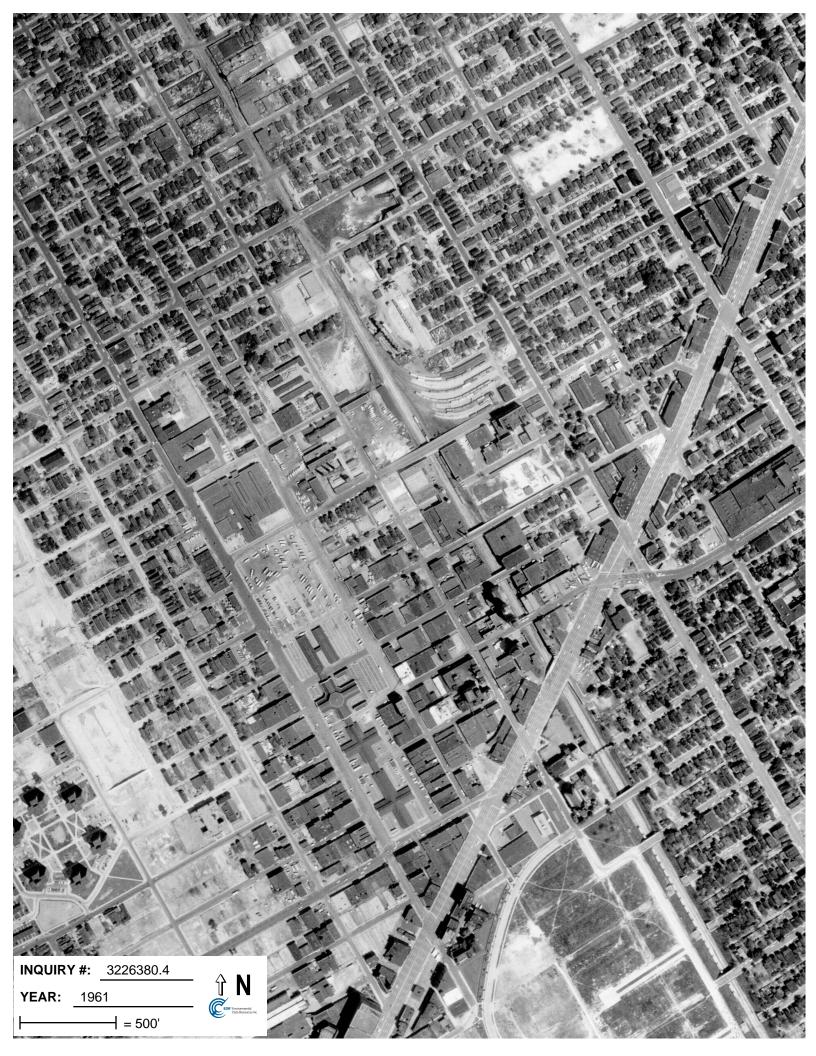
Detroit, MI 48207

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1937	Aerial Photograph. Scale: 1"=500'	Flight Year: 1937	AAA
1949	Aerial Photograph. Scale: 1"=500'	Flight Year: 1949	Detroit Edison
1957	Aerial Photograph. Scale: 1"=500'	Flight Year: 1957	CSS
1961	Aerial Photograph. Scale: 1"=500'	Flight Year: 1961	Detroit Edison
1967	Aerial Photograph. Scale: 1"=500'	Flight Year: 1967 Photo Not Available - Image missing from collection	Detroit Edison
1972	Aerial Photograph. Scale: 1"=600'	Flight Year: 1972	ASCS
1985	Aerial Photograph. Scale: 1"=500'	Flight Year: 1985	SEMCOG
1993	Aerial Photograph. Scale: 1"=600'	Flight Year: 1993	NAPP
1999	Aerial Photograph. Scale: 1"=500'	/Composite DOQQ - acquisition dates: 1999	EDR
2000	Aerial Photograph. Scale: 1"=500'	Flight Year: 2000	SEMCOG
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	EDR





















# APPENDIX F

HISTORICAL RESEARCH DOCUMENTATION Sanborn Maps Provided on CD-ROM



# Key Site Contact - Owner Environmental Assessment Questionnaire

Project Name: Expanded ESA Area E (see boundary map)
Project Address: see boundary map
Project City/State/Zip: Detroit, Michigan
AKT Peerless Project No.: 7441f-1-17

This questionnaire should be completed by the property owner, the owner's designated representative (anyone knowledgeable about the subject property), and presented to AKT Peerless' Environmental Consultant on the day of the site reconnaissance. During the site reconnaissance, the Environmental Consultant may ask for details associated with selected questions. This questionnaire may be utilized as an exhibit in the final Report.

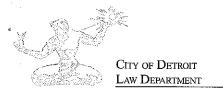
L AMERICAN				
	pondent Name, Title, Date:			
	MIN YANG Environmental			012
		n NA	= Not Applicable	
	YES NO UNK NA Is the Property used for an industrial use?		Has Fill Dirt been brought onto the	YES NO UNK NA
1		8	Property that is of an unknown origin?	
2	To the best of your knowledge, has the Property been used for an industrial purpose in the past?	9	Are there currently any Pits, Ponds or Lagoons located on the Property in connection with waste treatment or waste disposal?	
3	Is the Property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?	10	To the best of your knowledge, have there been previously any Pits, Ponds or Lagoons located on the Property in connection with waste treatment or waste disposal?	
4	To the best of your knowledge, has the Project been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?	11	Is there currently, any stained soil on the Property?	
5	Are there currently automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of greater than five gallons in volume or fifty gallons in the aggregate, stored on or used at the Property?	12	To the best of your knowledge, has there been previously any stained soil on the Property?	
6	To the best of your knowledge, have there been previously automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of greater than five gallons in volume or fifty gallons in the aggregate, stored on or used at the Property?	13	Are there currently any registered or unregistered storage tanks (above or underground) located on the Property?	
7	Are there currently any industrial Drums (typically 55 gallon) or sacks of chemicals located on the Property?	14	To the best of your knowledge, have there been previously any registered or unregistered storage tanks (above or underground) located on the Property?	

# UNK = Unknown NA = Not Applicable YES NO UNK NA

	,,	163	NO	UNK NA			YES	NO	UNK	NA
15	To the best of your knowledge, have there been previously any industrial Drums (typically 55 gallon) or sacks of chemicals located on the Property?			<b>X</b>	25	Are there currently vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground or adjacent to any structure at the Property?			X	
16	Has Fill Dirt been brought onto the Property that originated from a contaminated site?			<b>X</b> _	26	To the best of your knowledge, have there been previously any vent pipes, fill pipes or access ways indicating a fill pipe protruding from the ground or adjacent to any structure located on the Property?			<b>İ</b> X.	
17	Are there currently any flooring, drains, or walls located at the Property that are stained by substances other than water or are emitting foul odors?				27	Have any Hazardous Substances or Petroleum Products, unidentified waste materials, tires, automotive or industrial batteries or any other waste materials been dumped above grade, buried and/or burned on the Property?			D)	
18	To the best of your knowledge, have there been previously any flooring, drains, or walls located at the Property that are stained by substances other than water or are emitting foul odors?			X 🗆	28	Is there a transformer, capacitor or any hydraulic equipment for which there are any records indicating the presence of PCBs?			X	
19	If the Property is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system?			<b>(X)</b>	29	Is there now or has there ever been any asbestos-containing materials (ACM), in any application, on the Property?			X	
20	If the Property is served by a private well or non-public water system, has the well been designated as contaminated by any government environmental/health agency?			<b>4</b>	30	Has there ever been any ACM testing conducted on the Property?			X	
21	Are there any Environmental Liens or governmental notification relating to past or current violations of environmental laws with respect to the Property or any facility located on the Property?				31	Is there now or has there ever been any lead-based paint (LBP) applications on the Property?			ĽŠ	
22	Has the owner or occupant of the Property been informed of the past existence of Hazardous Substances or Petroleum Products with respect to the Property or any facility located on the Property?				32	Has there ever been LBP testing conducted on the Property?			XI	
23	Has the owner or occupant of the Property been informed of the current existence of Hazardous Substances or Petroleum Products with respect to the Property or any facility located on the Property?					Has there been indications of moisture intrusion, mildew-like odors, or visible mold growth on the Property?			ij	
24	Has the owner or occupant of the Property been informed of the past existence of environmental violations with respect to the Property or any facility located on the Property?				34	Is the Property or any portion of the Property located or involved in any environmentally sensitive areas (i.e., wetlands, coastal barrier resource areas, coastal barrier improvement act areas, flood plains, endangered species, etc.)?			ľ <b>X</b>	

# UNK = Unknown NA = Not Applicable YES NO UNK NA

		TES NO U	NN NA			YES	NO	UNK	NΑ
35	Have there been any Environmental Site Assessments of the Property that indicated the presence of Hazardous Substances or Petroleum Products on, or contamination of, the Property or recommended further assessment of the Property?	200-200-201 SMR 200-201 200-201	X	39	Does the Property discharge waste water on or adjacent to the Property, other than storm water, into a storm water sewer system?			改	
36	Are there any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any Hazardous Substance or Petroleum Products involving the Property?			40	Does the Property discharge waste water on or adjacent to the Property other than storm water, or into a sanitary system?			X	
37	To the best of your knowledge, has any Adjoining Properties been used for an industrial use in the past?				Are any Adjoining Properties used for an industrial use?			Ki	
30	Is any Adjoining Property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?			42	To the best of your knowledge, has any Adjoining Property been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?			X	
						-	•••		
		-				-	771		_
Signa	ture:								



FIRST NATIONAL BUILDING 660 Woodward Avenue, Suite 1650 Detroit, Michigan 48226-3535 PHONE 313•224•4550 TTY:311 Fax 313•224•5505 WWW.DETROITMI.GOV

MAR 0 2 2012

February 29, 2012

Jennifer Panek AKT Peerless Environmental & Energy Services 22725 Orchard Lake Road Farmington, Michigan 48336

> Freedom of Information Act Request Dated December 19, 2011 Concerning the RE: City of Detroit Buildings Safety Engineering and Environmental Department's Oil and Gas Card Files Pertaining to Certain Addresses on Orleans, Wilkins, Brewster, Division, Alfred, Adelaide, and Dequindre

Dear Ms. Panek:

This letter serves as the City of Detroit's response to the above-referenced matter. Your letter, which was submitted to the City of Detroit Buildings Safety Engineering and Environmental Department (BSEED) was received at the Law Department Freedom of Information Section. Thank you for your patience regarding this matter.

Your letter requests:

"... available oil and gas card file [for]:

	Address, City, County (Post-1921 addresses)	Address, City, County (Pre-1921 addresses)	
	2901 Orleans	581 Orleans	
	2909-2939 (odd) Orleans	not determined	
	1578 Wilkins	322 Wilkins	
	2902-2920 Orleans (even)	574-592 Orleans (even)	
	1800-1824 Wilkins (even)	338-352 Wilkins (even)	
	1801 Brewster	339-356 Brewster (odd)	
	A Company of the Comp	559-575 Dequindre (odd)	
iliyaya en elika isa ba	1825-1851 Alfred (odd)	455-467 Alfred (odd)	
	1600 Wilkins (Aspender state of the Constant of the	not determined. (a) good one of the participation of the	l Předlyskí <u>A</u> lbatyř
(M.105. 19.10) 1.1	1576 Brewster	326 Brewster	Bu <i>vi</i> boran and



Jennifer Panek February 29, 2012 Page 2

1825-1855 Division (odd)	341-351 Division (odd)
1822-1846 Alfred (even)	458-470 Alfred (even)
1801-1807 Adelaide (odd)	489-495 Adelaide (odd)
	329 Adelaide
2502-2618 Orleans (even)	498-508 Orleans
1811-1853 Adelaide (odd)	497-511 Adelaide
1822-1852 Division (even)	340-356 Division (even)

Your request is denied, pursuant to MCL 15.235(4)(b), for the reason that, based on information provided by BSEED Mechanical Division personnel, the BSEED does not possess any record which corresponds to the description of your request.

Please be advised that, pursuant to Section 10 of the Michigan Freedom of Information Act, being MCL 15.240, a person receiving a written denial of a request may do one of the following:

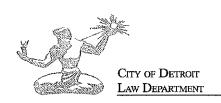
- Submit a written appeal to the head of the public body denying the request. Such appeal, if submitted, should specifically state the word "appeal" and identify the reason or reasons for reversal of the denial. MCL 15.240(1)(a); or
- 2) Commence an action in the circuit court to compel the disclosure of the public records within 180 days after the public body's denial of the request. MCL 15.240(1)(b). If a court finds that the information withheld by a public body is not exempt from disclosure, the requesting party may receive the requested record and, at the discretion of the court, reasonable attorney fees and /or costs. MCL 15.240(6) and (7).

Very truly yours,

Ellen Ha, Senior

Assistant Corporation Counsel Governmental Affairs Section

(313) 237-5067





First National Building 660 Woodward Avenue, Suite 1650 Detroit, Michigan 48226-3535 Phone 313•224•4550 TTY:311 Fax 313•224•5505 www.detroitmi.gov

February 23, 2012

Jennifer Panek AKT Peerless Environmental & Energy Services 22725 Orchard Lake Rd. Farmington, MI 48336

RE: Freedom of Information Act Request No.'s A32250-033725, A32250-033726 and A32250-033727 Dated December 19, 2011 Concerning Detroit Health Department and Building and Safety Engineering Department Records Pertaining to Several Properties

encial galantatah jegaran jingka terajah

Dear Ms. Panek:

This letter serves as the City of Detroit's response to the above-referenced matter. Your requests were received by the City of Detroit Law Department Freedom of Information Section on January 4, 2012. In accordance with MCL 15.235(2)(d), letters were sent to you on January 11, 2012 which extended the City's time to respond by ten (10) business days. Thank you for your patience in these matters.

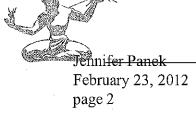
Your requests seek: The control of t

"... any file information the Detroit Health Department may have regarding environmental concerns in connection with the properties described below and immediate surrounding area. In addition, please provide any available information regarding wells and/or septic systems associated with the subject property. Furthermore, I am requesting any post-1990 information the Buildings and Safety Engineering Department may have in connection with the properties described below."

We are still waiting on information from the Building Safety and Engineering Department regarding your request. Once we receive said information, we will provide you a supplemental response.

As to your request for Health Department records, your request is denied, pursuant to MCL 15.235(4)(b), for the reason that based on information provided by Detroit Police Department (DPD) personnel, it is our understanding that the Detroit Police Department does not possess any record that corresponds to the description in your request.

Please not that although there was not a record regarding the area of your request, there was a record located regarding a lead abatement in the early 1990's in Eastern Market.



The record from the City of Detroit Health Department consists of twenty-five (25) pages, and is available for your review at the City of Detroit Law Department. Should you wish to review the record, in accordance with MCL 15.234(1), we require that you remit a check or money order for the labor cost incurred by the City of Detroit prior to your review. Search and retrieval of the record by the Detroit Health Department required two (2) hours of staff time at an hourly rate of \$13.31. This hourly rate is commensurate with the lowest paid personnel capable of performing the task in the respective department. See, Section 4(1) and (3) of the Michigan Freedom of Information Act, MCL 15.234(1) and (3). Accordingly, the City incurred as total cost in the amount of Twenty-Six and 62/100 dollars (\$26.62) in order to comply with your request. Should you wish to review or pick up a copy of the record, please contact Pamela Jeter at (313) 237-0423, or Willene Green at (313) 237-3064 to schedule an appointment.

Should you wish to receive a copy of the record, the City charges \$0.10 per page in copying costs. The following is the breakdown of the cost to either review the record, pick up a copy of the record or to have the copy mailed to you:

Review Cost	\$26.62	(\$26.62 of Health Dept. labor)
Pickup Cost	\$29.12	(Review Cost plus \$2.50 in copying costs [25 pages x \$0.10] equals \$29.12)
Mailing Cost	\$30.85	(Pickup cost plus \$1.73 for postage)

Please make your check or money order payable to "City of Detroit" and forward to my attention. It is important to note that we do <u>not</u> accept cash

Please be advised that, pursuant to Section 10 of the Michigan Freedom of Information Act, being MCL 15.240, a person receiving a written denial of a request may do one of the following:

- Submit a written appeal to the head of the public body denying the request. Such appeal, if submitted, should specifically state the word "appeal" and identify the reason or reasons for reversal of the denial. MCL 15.240(1)(a); or
- Commence an action in the circuit court to compel the disclosure of the public records within 180 days after the public body's denial of the request. MCL 15.240(1)(b). If a court finds that the information withheld by a public body is not exempt from disclosure, the requesting party may receive the requested record and, at the discretion of the court, reasonable attorney fees and /or costs. MCL 15.240(6) and (7).



February 23, 2012 page 3

Very truly yours,

Jack P. Dietrich

Assistant Corporation Counsel Freedom of Information Section

(313) 237-5030

JD/



#### STATE OF MICHIGAN

#### DEPARTMENT OF ENVIRONMENTAL QUALITY





DAN WYANT DIRECTOR

January 10, 2012

Ms. Jennifer Panek AKT Peerless 22725 Orchard Lake Road Farmington, MI

Dear Ms. Panek:

SUBJECT: Request for Disclosure of Official Files from Remediation Division

This written notice is issued in response to your **December 19, 2011**, request for information under the Freedom of Information Act (FOIA), MCL 15.231 *et seq.*, which was received by this office on **December 20, 2011**.

The purpose of the FOIA is to provide the public with access to existing, nonexempt public records of public bodies. Your request to examine or receive a copy of the following documents is denied.

Description of documents being denied: Various addresses in Detroit on Orleans, Wilkins, Alfred, etc.

Reason for denial: To the best of this public body's knowledge, information, and belief, the public record does not exist under the name given by the requester, or by another name reasonably known to the public body.

Authority for denial: Public Act No. 442 of 1976, as amended, Section 3(1). Under section 10 of the FOIA, you may do either of the following:

- 1) Appeal this decision in writing to the Director of the Michigan Department of Environmental Quality at P.O. Box 30473, Lansing, Michigan 48909-7973. The writing must specifically state the word "appeal," and must identify the reason or reasons you believe the denial should be reversed. The head of the department, or his designee, must respond to your appeal within 10 days after its receipt. Under unusual circumstances, the time for response to your appeal may be extended by 10 business days.
- 2) File an action in circuit court within 180 days after the date of the final determination to deny the request. If you prevail in such an action, the court is to award reasonable attorney fees, costs, and disbursements. Further, if the court finds the denial to be arbitrary and capricious, you may receive punitive damages in the amount of \$500.00.

Sincerely,

Melissa Andrews, FOIA Liaison

Remediation Division

517-373-3978

DEQ FOIA 786

 From:
 DEQ-RMD-FOIA

 To:
 Jennifer Panek

 Subject:
 FOIA 786-12

**Date:** Thursday, January 19, 2012 4:19:32 PM

Attachments: 0786.pdf

SUBJECT: Request for Disclosure of Official Files from the Department of Environmental Quality (DEQ), Resource Management Division (RMD)

This written notice is issued in response to your December 19, 2011, request(s) for information under the Freedom of Information Act, 1976 PA 442, as amended (FOIA), Michigan Compiled Laws 15.231 *et seq.* that was received by the RMD.

The purpose of the FOIA is to provide the public with access to existing, nonexempt public records of public bodies. Your request to examine or receive a copy of the following documents is denied.

Description of documents being denied:

Various addresses in Detroit, Michigan

Reason for denial: To the best of this public body's knowledge, information, and belief the public record does not exist under the name given by the requester or by another name reasonably known to the public body.

Authority for denial: FOIA, Section 3(1). Under Section 10, you may do either of the following:

- Appeal this decision in writing to the Director of the DEQ at P.O. Box 30473, Lansing, Michigan 48909-7973. The writing must specifically state the word "appeal" and must identify the reason, or reasons, you believe the denial should be reversed. The Director, or his designee, must respond to your appeal within 10 days after its receipt. Under unusual circumstances, the time for response to your appeal may be extended by 10 business days.
- 2. File an action in circuit court within 180 days after the date of the final determination to deny the request. If you prevail in such an action, the court is to award reasonable attorney fees, costs, and disbursements. Further, if the court finds the denial to be arbitrary and capricious, you may receive punitive damages in the amount of \$500.

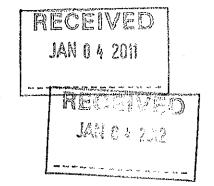
Should you require further information, please contact me at 517-335-7238; roehrst@michigan.gov; or DEQ, P.O. Box 30241, Lansing, Michigan 48909-7741.

Tamara Roehrs Administration Section Resource Management Division Department of Environmental Quality 517.335.7238



# Robert A. Ficano

County Executive



December 21, 2011

Jennifer Panek AKT Peerless Environmental & Energy Services 22725 orchard Lake Road Farmington, MI 48336

Re: Freedom of Information Act Request of – December 19, 2011

Denial Due to Nonexistence of Requested Records

Area Bound by Erskine, Orleans, Adelaide, and Dequindre, Detroit

Dear Ms. Panek:

jina iya iya iya

The above request has been received and reviewed. After a diligent search for the requested records, I have determined and certify the records do not exist. Therefore, your request is denied. If you can provide more specific information, your request will be reviewed to determine whether the desired records exist.

You have the right to do either of the following:

1) Submit a written appeal to the County Executive, which specifically states the word "appeal" and states the reasons the denial should be reversed.

#### OR

2) Commence an action in the circuit court to compel disclosure. Should you prevail, you will be entitled to have reasonable attorneys' fees, costs and disbursements assessed against the County by the court. If you or the County prevails in part, the court may, in its discretion, award you all or an appropriate portion of reasonable attorneys' fees, costs, and disbursements. If the court determines that the County has been arbitrary and capricious in its denial, you will be entitled to, in addition to actual damages, punitive damages in the amount of \$500.00

DEPARTMENT OF PUBLIC SERVICES

LAND RESOURCE MANAGEMENT DIVISION / WATER QUALITY MANAGEMENT DIVISION

3600 COMMERCE COURT • BUILDING E • WAYNE, MICHIGAN 48184

(734) 326-3936 • FAX (734) 326-4421



Ms. Panek December 21, 2011 Page 2

If you have any questions please do not hesitate to contact me at (734) 326-3936.

Sincerely,

Eric C. Anderson

Freedom of Information Act Officer

cc:

Priscilla Burton Elmeka N. Allen

Denial Approved:

Elmeka N. Allen

**Assistant Corporation Counsel** 

Elmeka n. allen/H

11-529



**②** 

Advanced Search

Site ID

Recent Sites

Site

Contacts

# 420473 / MIGO00041134 ADM CO 1800 ADELAIDE ST, DETROIT, MI 48207

Site		
<b>A</b>	Site Name	
8	ADM CO	
	Site Identification	
WDS ID Number:	420473	( History
Site ID Number:	MIG000041134	History
Legal Site Name:	ADM CO	History
Specific Site Name:	ADM CO	History
District:	SOUTHEAST MICHIGAN	
	Address Identification	
Location Address	Mailing Address	
History	( History	
	Miscellaneous	
Tax Number:		History
No Number Because:		
GPS Coordinates (provid	le five decimal places)	
Latitude Coordinate:		
Longitude Coordinate		
<b>Collection Method:</b>		
Receives All Waste?:	No	
Railroad?:	No	
Facility on Indian Res	ervation Land?: No	
Utilization Activities:		
Scrap Tires Activities:		
Scrap Tires Acres:		
NAICS Codes (up to fo	our six-digit codes):	
(The list of NAICS codes	s in WDS is based on the 2007 definitions provided by the U.S.Census Bureau.)	
000000 - No NAI	CS Value Reported to Date	
	Haz Waste Contact	
First Name: M	ARK M.I.:	

Last Name: **ISHIHARA Phone Number:** (217) 424-5558 Ext: Fax: Alternate Phone: **Email Address:** Activities (1) Owner/Operator (0) Site ID Fees (0) Comments (0) Petitions (0) **Used Oil Biennial Reports (0)** Parceling (0) Institutional Controls (0) Exemptions (0) **Discovery Date** Source of Information **Summary** 1/1/1970 State Liquid industrial waste generator

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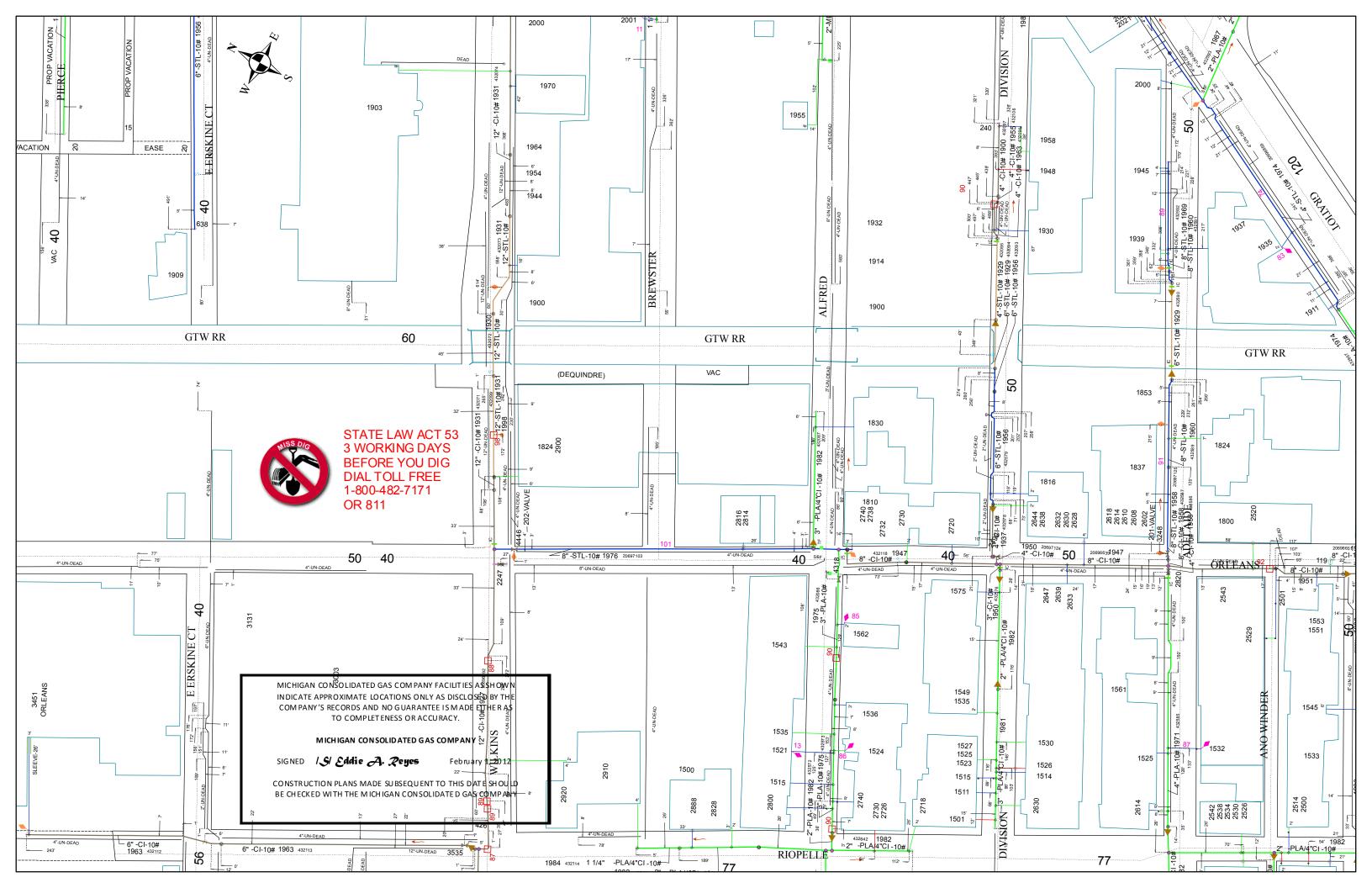
# 409800 / MIRO00005835 THORN APPLE VALLEY MICH MEATS 2900-02 ORLEANS ST, DETROIT, MI 48207

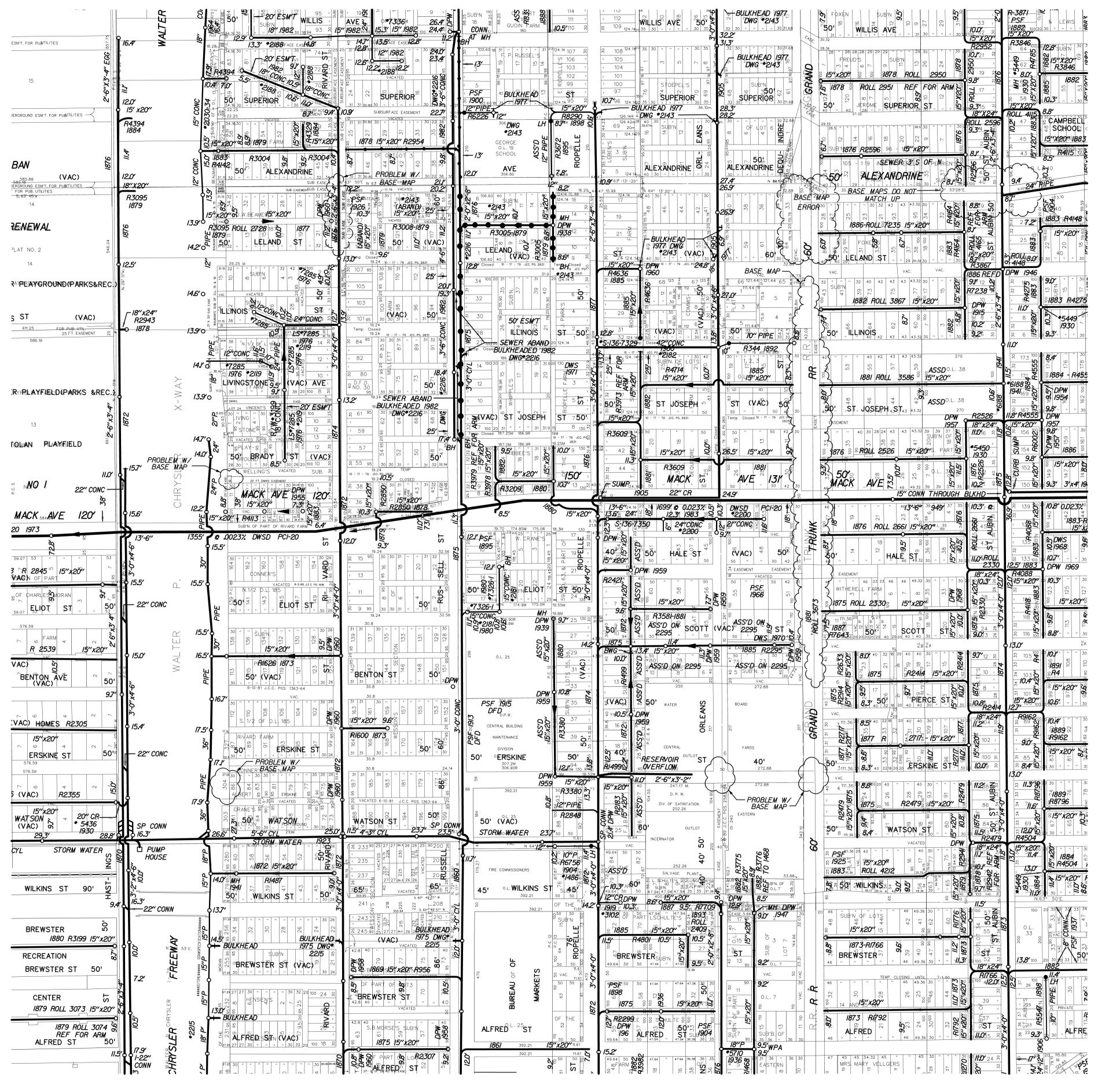
Site Site Nam		
=	PPLE VALLEY MICH MEATS	
THORIVAL	TEE VILLET MIGH MEXIS	
	Site Identification	
WDS ID Number:	409800	History
Site ID Number:	MIR000005835	History
Legal Site Name:	THORNAPPLE VALLEY INC	History
Specific Site Name:	THORN APPLE VALLEY MICH MEATS	History
District:	SOUTHEAST MICHIGAN	
	Address Identification	
Location Address	Mailing Address	
History	( History	
	Miscellaneous	
Tax Number:		History
No Number Because:		
GPS Coordinates (providence)	de five decimal places)	
Latitude Coordinate:		
Longitude Coordinate	:	
<b>Collection Method:</b>		
Receives All Waste?:	No	
Railroad?:	No	
Facility on Indian Res	ervation Land?: No	
<b>Utilization Activities:</b>		
<b>Scrap Tires Activities</b>	:	
Scrap Tires Acres:		
NAICS Codes (up to fo	our six-digit codes):	
(The list of NAICS code	s in WDS is based on the 2007 definitions provided by the U.S.Census Bureau.)	
000000 - No NAI	CS Value Reported to Date	
	Haz Waste Contact	
First Name: J	AMES M.I.:	

**HAMILTON** Last Name: Phone Number: (313) 894-6600 Ext: Fax: Alternate Phone: **Email Address:** Activities (1) Owner/Operator (1) Site ID Fees (0) Comments (0) Petitions (0) **Used Oil Biennial Reports (0)** Parceling (0) Institutional Controls (0) Exemptions (0) **Discovery Date** Source of Information **Summary** 7/20/1995 Site Generator Status: CESQG

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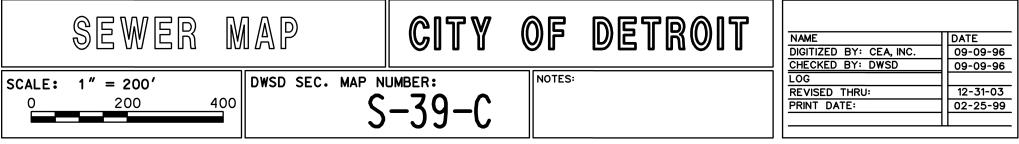


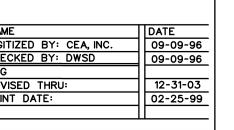


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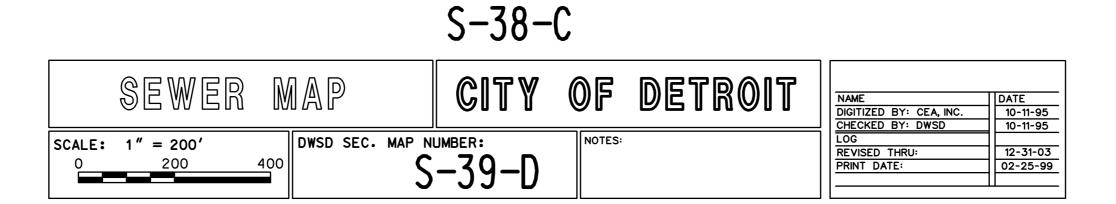




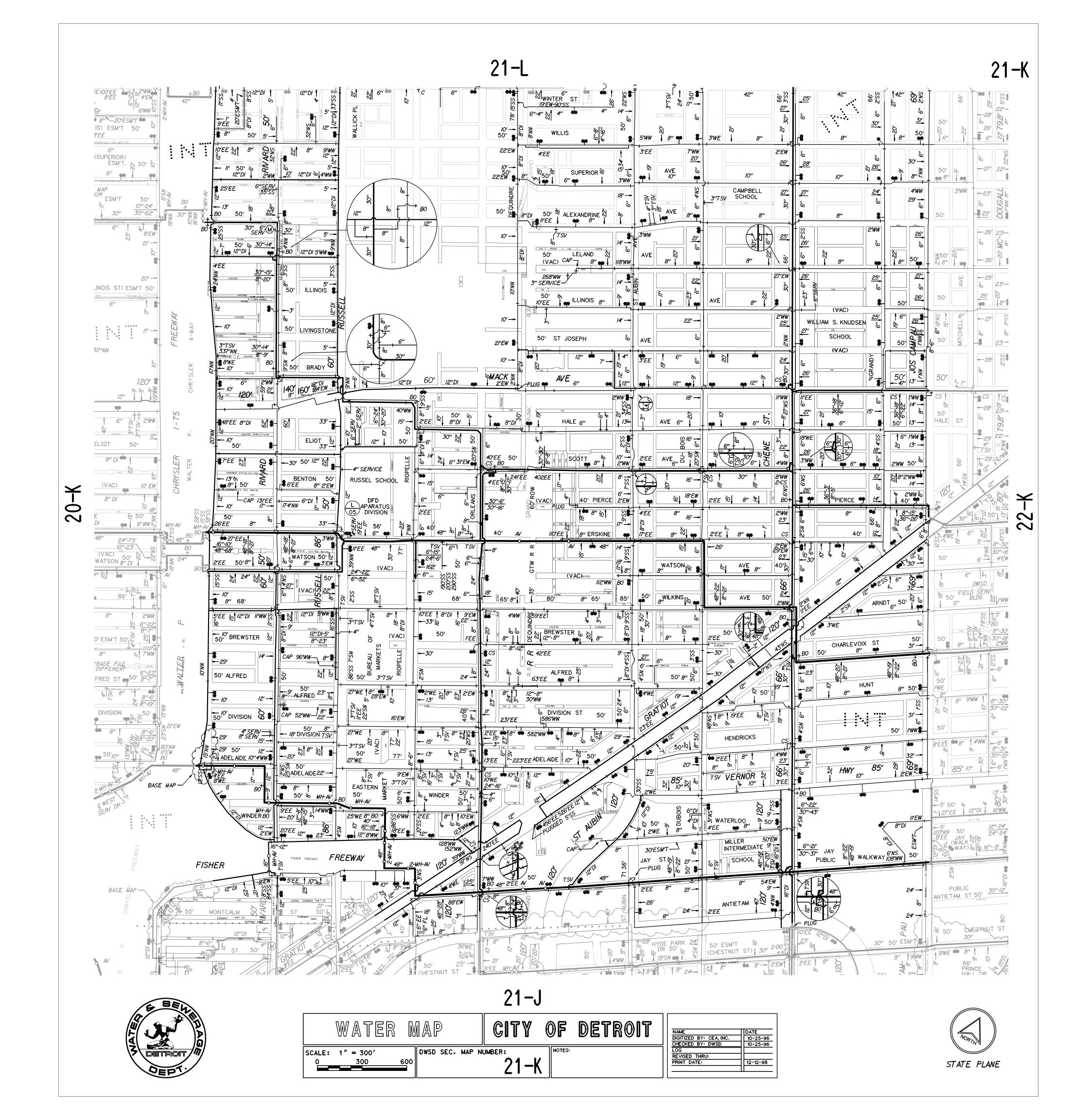
S-39-E











## PHASE I ENVIRONMENTAL SITE ASSESSMENT

#### **EASTERN MARKET**

- FORMER THORNAPPLE VALLEY
- FORMER THORNAPPLE VALLEY PARKING
- FORMER ORLEANS/DIVISION INDUSTRIAL PROPERTIES DETROIT, MICHIGAN 48207

Prepared for

CITY OF DETROIT DEPARTMENT OF ENVIRONMENTAL AFFAIRS 660 Woodward Avenue, Suite 1800 Detroit, Michigan 48226

**Project Number: RM073619** 

May 28, 2009 <Insert revision date>

Prepared by

The Traverse Group, Inc. <New name & logo> 22226 Garrison Street
Dearborn, Michigan 48124

Telephone: (313) 871-5800 Fax: (313) 871-5802

# PHASE I ENVIRONMENTAL SITE ASSESSMENT EASTERN MARKET DETROIT, MICHIGAN 48207

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# PHASE I ENVIRONMENTAL SITE ASSESSMENT EASTERN MARKET

- FORMER THORNAPPLE VALLEY
- FORMER THORNAPPLE VALLEY PARKING
- FORMER ORLEANS/DIVISION INDUSTRIAL PROPERTIES DETROIT, MICHIGAN 48207

#### **EXECUTIVE SUMMARY**

The Traverse Group, Inc. (TTG) performed a Phase I Environmental Site Assessment (ESA) for the City of Detroit Department of Environmental Affairs as part of a Brownfield Site Assessment grant from the U.S. Environmental Protection Agency (EPA). The Phase I ESA was performed for the following properties located in the Eastern Market area of Detroit Michigan:

- The property possessing the addresses of 2900 and 2902 Orleans Street described herein as the Former Thornapple Valley Property;
- The property possessing the addresses of 1600 Wilkins Street, 1576 Brewster Street and 2901 Orleans Street described herein as the Former Thornapple Valley Parking Property; and
- The property described herein as the Former Orleans/Division Industrial Properties possessing the common street addresses of 1825 Division Street, 1807 Adelaide Street and 1811 Adelaide Street.

These properties will be collectively referred to as "the subject property" throughout this report unless otherwise noted. When referred to individually, these properties will be known as the Former Thornapple Valley Property, the Former Thornapple Valley Parking Property and the Former Orleans/Division Industrial Properties as opposed to being referred to by their individual street address(s). The study was performed to assess the subject property and surrounding properties for areas of potential environmental risk and liability, which may have a negative impact on the redevelopment of the subject property.

This evaluation was conducted in accordance with the United States Environmental Protection Agency (USEPA) Standards and Practices for All Appropriate Inquiries [(AAI), 40 CFR Part 312] and guidelines established by the American Society for Testing and Materials (ASTM) in the *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process / Designation E 1527-05* (ASTM Standard Practice E 1527-05). The Phase I ESA included limited observations of surrounding properties, review of historical ownership and land use, review of regulatory database listings, interviews, and other related sources.

In the professional opinion of TTG, all appropriate inquiry has been made into the previous ownership and uses of the property consistent with good commercial and customary practice in an effort to minimize liability, and no evidence or indication of recognized environmental conditions (RECs) or potential environmental concerns have been revealed, except for the following:

#### **Recognized Environmental Conditions**

The following RECs were identified for the subject property during this assessment.

#### **On-Site RECS**

## Former Thornapple Valley Property

- The FirstSearch<sup>™</sup> report lists the Thorn Apple Valley-Orleans site as a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) site. CERCLIS sites are confirmed and potential hazardous waste sites which the EPA Superfund program has some involvement. This database includes sites that are on the National Priority List (NPL) as well as sites that are in the screening phase for possible inclusion on the NPL. The Thorn Apple Valley-Orleans site is the portion of the subject property described as the Former Thornapple Valley Property. The listing of the subject property as a CERCLIS site is a REC.
- The FirstSearch<sup>™</sup> report lists the Thorn Apple Valley Inc. site as an ERNs <Define ERN> site. A spill of approximately 500 gallons of transformer oil occurred on the subject property on July 2, 1991. The spill is reportedly a result of vandalism. The material flowed into a sump area. A contractor vacuumed the material and then used sorbent pads to address the spill. The listing of this site as an ERN site is a REC.
- The online MDEQ Brownfields-Underground Storage Tank (UST) database lists the Former Thornapple Valley Property as a Brownfield site. This listing suggests a release has occurred on the site. The listing of the property within the MDEQ-Brownfields-UST database is a REC.

- Thornapple Valley and Crown Packing operated as slaughterhouses on the subject property
  from the 1930's to the mid 1990's. Hazardous materials such as sanitizers, caustics and soaps
  are utilized in slaughterhouse operations, therefore these former slaughterhouse operations
  are considered RECs.
- Staining of the subject building wall and soils directly adjacent to the building wall along the southeastern side of the Former Thornapple Valley building was observed at the time of the site reconnaissance. According to fire department records, a spill of Polychlorinated Biphenyls (PCB's) occurred at 2902 Orleans Street on August 8, 2008. Apparently, a spill of PCB containing material leaked from a large vat located within the building. The material migrated from the building to the adjoining railroad right-of-way to the east. The spill traveled for approximately ¼ mile along the former railroad right-of-way. Information obtained from the Environmental Protection Agency (EPA) website states that emergency response activities regarding this PCB release included excavation and stockpiling of heavily saturated soils, the use of absorbent rolls/booms to soak and block pools of oil, and the installation of Polysheeting to prevent direct contact and rain infiltration. Information obtained from the EPA website indicated that the PCB tank has been drained, and that the stockpiled soils resulting from the initial response activities have been removed from the site. Cleanup of the site and corresponding closure of the release was completed and verified by EPA on October 26, 2009
- EPA records list that ammonia tanks, fuel oil and abandoned drums were reported as located within the facility in August of 2008. The listing of these abandoned containers is also a REC.
- A carpet manufacturer (Allen Industries) formerly operated on the portion of the property described as the Former Thornapple Valley Property. This operation suggests the use of certain hazardous materials such as isocyanates and isoprene.

- TTG reviewed the records on file at the Detroit Fire Department (DFD) dated 1984 which indicated that 4,000 to 20,000 lb tanks utilized for the storage of ammonia were located in the basement of the Former Thornapple Valley building. The disposition of these tanks is unknown, therefore, this constitutes a REC for this site. Limited lighting and building security issues limited the visual inspection of the interior of the structures on site.
- A large Above Ground Storage Tank (AST) was observed in the basement area of the building. Visual observations of this tank were limited due to poor lighting and building security issues. Flash photographs were taken of the tank. Computer enhancements of the photographs revealed that this tank was constructed of steel stored off of the basement's concrete floor on a metal rack. No records were found during TTG's governmental or historical record searches that revealed the use, size, contents, or origin of this tank. This AST is a REC.
- Pits were observed on the northwest side of the property. A slaughter house once operated on this portion of the property and it is possible that these pits are related to the waste water discharge from the food processing operations. These pit areas were observed near the truck dock area on the northwest side of the former Thornapple Valley Property building. At the time of the site reconnaissance, these pits were filled with water and debris. These pits are a REC.
- Due to security and lighting issues, the interior of the subject buildings was limited. Further, the inaccessible areas of the subject buildings represent RECs for the subject property.
- Sanborn<sup>®</sup> Maps reviewed dated 1897, 1921 and 1950 depict some of the detached garages associated with the residential structures located on the Former Thornapple Valley Property portion of the subject property as housing a fuel source. This suggests the potential that fuel oil USTs and/or ASTs once existed on the property. The potential of former heating oil tanks on the property is a REC.

#### Former Thornapple Valley Parking Property

- Sanborn maps and city directories reviewed list C&P Garage as operating on the property from the 1930's through the 1960's. C&P Garage is listed as both a private storage garage as well as an auto repair facility. The listing of C&P Garage on the property is a REC.
- Sanborn<sup>®</sup> Maps reviewed dated 1897, 1921 and 1950 depict some of the detached garages associated with the residential structures located on the Former Thornapple Valley Parking Property portion of the subject property as housing a fuel source. This suggests the potential that fuel oil USTs and/or ASTs once existed on the property. The potential of former heating oil tanks on the property is a REC.

#### Former Orleans/Division Industrial Properties

- Sanborn maps dated 1897 and 1921 depict coal storage yards on the portion of the property described as the Former Orleans/Division Industrial Properties. Coal storage operations on the subject property represent RECs.
- Sanborn maps and city directories reviewed list industrial facilities operating on the property from the 1920's to the early 2000's. These companies are listed as, but not limited to the following: Edgar's Sugar House, Armour and Co (wholesale meats), Alan Packing (meat packing), McMahon's Wholesale Meats, Lambskin Co. (tannery), Barry and Son's Two (Slaughterhouse). These former industrial operations represent RECs.
- According to DFD records dated 1987, two 15,000 gallon USTs utilized to store machine oil occupied the portion of the property possessing the common address of 1837 Adelaide Street.
   This portion of the subject property is located on the north side of Adelaide Street, east of Orleans Street. The listing of these USTs is a REC.
- Due to security and lighting issues, the interior of the subject buildings was limited. Further, the inaccessible areas of the subject buildings represent RECs for the subject property.
- Sanborn<sup>®</sup> Maps reviewed dated 1897 and 1921 depict some of the detached garages associated with the residential structures located on the Former Orleans/Division Industrial

Properties portion of the subject property as housing a fuel source. This suggests the potential that fuel oil USTs and/or ASTs once existed on the property. The potential of former heating oil tanks on the property is a REC.

#### **Off-site RECs**

- According to the FirstSearch<sup>™</sup> report, a spill of oil from a portable transformer occurred on the property located to the north of the Former Orleans/Division Industrial Properties and to the east of the Former Thornapple Valley Property. This spill, which is listed as resulting from equipment failure, occurred at the Detroit Edison Property (1955 Alfred Street). Due to the close proximity of this site in relation to the subject property, and due to the lack of documentation detailing clean up activities, the listing of this site as an ERNS site is considered a REC.
- A meat rendering plant existed to the south of the portion of the subject property defined as the Former Thornapple Valley Parking Property in the Sanborn<sup>®</sup> maps dated 1988 and 1991. Heavy metals and pesticides are typical contaminates common to rendering plants. Due to the close proximity of this site to the Former Thornapple Valley Parking property, this site is considered a REC.
- Each of the Sanborn® maps reviewed depict a railroad right-of-way traversing along the eastern boundaries of the Former Thornapple Valley and the Orleans/Division Industrial Property (western property boundary for the area located on the east side of Dequindre Street between Alfred Street and Division Street). The presence of railroad tracks on the adjacent property is a REC.
- Sanborn<sup>®</sup> Maps reviewed dated 1897, 1921 and 1950 depict some of the detached garages associated with the residential structures on properties adjacent to the subject property as housing a fuel source. This suggests the potential that fuel oil USTs and/or ASTs once existed on these properties. The potential of former heating oil tanks on adjoining properties is a REC.

A dye house, that was most likely part of the carpet pad manufacturing process that formerly
operated within the Former Thornapple Valley building, was located adjacent to the
southwest side of the Former Thornapple Valley Property. Dyes and pigments may contain
metals and PCBs. Therefore, this former dye house is considered a REC.

Potential Areas of Concern (PAOC) < Explain the difference between a PAOC and a REC.>

The following potential areas of concern (PAOCs) were identified for the subject property during this assessment:

- Suspect Asbestos Containing Materials (ACMs) were observed throughout the accessible or viewable areas of the interior of the subject buildings and therefore represent a PAOC for the subject property. An asbestos survey will be required by a licensed asbestos inspector prior to any renovation or demolition activities.
- TTG observed small quantities (i.e., five gallon sized containers, aerosol cans, and quartsized containers) of unlabeled, abandoned janitorial cleaning supplies, as well as painting supplies, on the grounds of the subject property and in the interior areas of the buildings visually inspected. The presence of these materials inside the subject buildings represents a PAOC.
- Mercury lighting components and fluorescent lighting components were observed throughout
  the viewable areas of the interior of the subject buildings. Fluorescent light ballasts
  manufactured prior to 1979 may contain small quantities of polychlorinated biphenyls
  (PCBs). The light ballasts were not examined for labels identifying their PCB-content.
  Because the subject buildings were initially constructed in 1929 [circa], the ballasts may
  contain PCBs. These ballasts represent a PAOC.
- Sanborn<sup>®</sup> maps dated 1921 and 1950 depict barrels of nitrogen stored within the building once located on the northeast side of the Orleans/Division Industrial Property (Former Armour and Company). Nitrogen storage on the property represents a REC only if barrels of nitrogen currently exist within the structure. These barrels of nitrogen, if present, will need to be disposed of properly. (Limited lighting and building security issues limited the visual

inspection of the interior of the structures on site.) <Is the nitrogen a fertilizer or pure N in compressed cylinders?>

PHASE I ENVIRONMENTAL SITE ASSESSMENT EASTERN MARKET DETROIT, MICHIGAN 48207

#### 1.0 INTRODUCTION

The Traverse Group, Inc. (TTG) performed a Phase I Environmental Site Assessment (ESA) for the City of Detroit, Department of Environmental Affairs, as part of a Brownfield Site Assessment grant from the U.S. Environmental Protection Agency (EPA). The Phase I ESAs were performed for the following properties located in the Eastern Market area of Detroit Michigan:

- The property possessing the addresses of 2900 Orleans Street and 2902 Orleans Street described herein as the Former Thornapple Valley Property;
- The property possessing the addresses of 1600 Wilkins Street, 1576 Brewster Street and 2901 Orleans Street described herein as the Former Thornapple Valley Parking Property; and
- The property described herein as the Former Orleans/Division Industrial Properties possessing the common addresses of 1825 Division Street, 1807 Adelaide Street and 1811 Adelaide Street,

These properties will be collectively referred to as "the subject property" throughout this report unless otherwise noted. When referred to individually, these properties will be known as the Former Thornapple Valley Property, the Former Thornapple Valley Parking Property and the Former Orleans/Division Industrial Properties as opposed to being referred to by their individual street address(s).

The study was performed to assess the subject property and surrounding properties for areas of potential environmental risk and liability, which may have a negative impact on redevelopment of the subject property.

This evaluation was conducted in accordance with the United States Environmental Protection Agency (USEPA) Standards and Practices for All Appropriate Inquiries [(AAI), 40 CFR Part

312] and guidelines established by the American Society for Testing and Materials (ASTM) in the *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process / Designation E 1527-05* (ASTM Standard Practice E 1527-05). The Scope of Work was performed in accordance with the proposal dated November 21, 2007. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report.

Site reconnaissances of the subject property were conducted by Ms. Dawn R. Winther (Project Manager) and Mr. Haydel C. LeCesne (Environmental Consultant) on Thursday, March 19, 2009 and on Tuesday, March 24, 2009. Ms. Winther and Mr. LeCesne were unaccompanied during the site reconnaissance. The subject property reconnaissance activities consisted of a walk through inspection of the parcels as well as a perimeter walk of the site boundaries in order to inspect visual conditions of the subject and adjoining properties.

## 1.1 Purpose

TTG was authorized by Ms. Willa J. Williams of the City of Detroit, Department of Environmental Affairs, to conduct a Phase I ESA for the purpose of performing appropriate inquiry into the property's history and past uses in an effort to identify *recognized environmental conditions* (RECs)<sup>1</sup> and *historical recognized environmental conditions* (HRECs)<sup>2</sup>. As part of this inquiry, TTG investigated the subject property for signs of hazardous material/wastes or any other signs of potential environmental impact which may: 1) be visible through an on-site inspection; 2) be suspected due to past or present subject property activities; or, 3) exhibit the potential to migrate onto the subject property from adjoining or surrounding properties.

<sup>&</sup>lt;sup>1</sup> ASTM's Standard Practice E 1527-05 defines the term *recognized environmental condition* (REC) as the presence or likely presence of any hazardous substance or petroleum product on a property under conditions that indicate (1) an existing release, or (2) a material threat of a release of a hazardous substance or petroleum product into structures on the subject property or into the ground, groundwater, or surface water of the subject property.

<sup>&</sup>lt;sup>2</sup> ASTM defines the term *historical recognized environmental condition* (HREC) as an environmental condition which in the past would have been considered a REC, but which may or may not be considered a REC currently. Neither HRECs nor RECs are intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

Users of this Phase I ESA may satisfy one of the environmental due diligence requirements for qualification as a bona fide prospective purchaser, contiguous landowner, or innocent landowner under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, the Superfund Amendments and Reauthorization Act (SARA) of 1986, and the Small Business Liability and Brownfield Revitalization Act (Brownfield Amendments) of 2002. This Phase I ESA is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs in connection with the subject property.

## 1.2 Scope of Work

This report complies with the ASTM requirement to clearly indicate whether the Phase I ESA discloses RECs in connection with the subject property pursuant to Section 12, *Evaluation and Report Preparation*, of the ASTM Standard Practice E 1527-05. The scope of work completed for this assessment included the following:

- An inquiry of environmental conditions by an *environmental professional*<sup>3</sup>;
- Review and evaluation of physical characteristics of the subject property from available topographic, geologic, and groundwater data;
- Review and evaluation of adjacent and nearby properties to identify the potential for contamination (if present and/or suspected) to migrate onto the subject property;
- Review and evaluation of subject property history through reasonably ascertainable standard sources such as fire insurance maps, city directories, aerial photographs, and interviews;
- Review and evaluation of current subject property conditions including discussions regarding the presence or absence of hazardous chemicals/petroleum products; generation, treatment, storage, or disposal of hazardous, regulated, or medical wastes; electrical equipment that utilizes oils which potentially contain PCBs; and above or below ground storage tanks;

<sup>&</sup>lt;sup>3</sup> An *environmental professional* is defined in the USEPA's AAI Standard and ASTM's Standard Practice E 1527-05 as an individual with specific experience, education, and/or professional registration. Please consult these documents for additional descriptions.

- A review of specialized knowledge as reported by the client; and
- Review and evaluation of information contained within federal and state environmental databases, and other local environmental records, within specific search distances.

Information obtained during the Phase I ESA is referenced in this report.

## 1.3 Significant Assumptions

TTG has assumed that the information provided in the regulatory database report is an accurate and complete representative summary of the information contained in the referenced regulatory agency records, except when such information is obviously contradicted by other data.

TTG has assumed that the information used to prepare this assessment that was obtained from knowledgeable individuals, regulatory agency representatives, or other secondary sources is accurate and representative of the information possessed by those individuals, representatives, or sources.

## 1.4 Limitations and Exceptions

TTG undertakes all assignments in its role as an environmental consulting firm using professional effort consistent with generally accepted environmental assessment practices. TTG has attempted to assess the subject property, utilizing reasonably ascertainable information, as defined by the USEPA All Appropriate Inquiry Standard and ASTM Standard E 1527-05, which was obtained from the property reconnaissance, review of records, available literature, historical information review, and interviews with employees. TTG has not conducted its own asbestos, lead, soil, groundwater, air, or other environmental sampling and analysis in conjunction with this Phase I ESA because it was beyond the scope of work. The photographic log is presented as **Appendix B**; historical information is presented in **Appendix C**; regulatory records documentation is presented in **Appendix D**; and interview documentation is contained in **Appendix E**. Findings presented herein are based upon observation of current conditions and may not be indicative of future conditions or operating practices at the subject property.

The following are limitations to TTG's interpretation of ASTM's E 1527-05 requirements.

- TTG has assumed that the information provided in the regulatory database report [Environmental FirstSearch Report (FirstSearch<sup>™</sup>)] is an accurate and complete representative summary of the information contained in the referenced regulatory agency records, except when such information is obviously contradicted by other data.
- TTG has assumed that the information used to prepare this assessment that was obtained from knowledgeable individuals, regulatory agency representatives, or other secondary sources is accurate and representative of the information possessed by those individuals, representatives, or sources.
- Due to a data failure, the first historical use of the subject property could not be identified prior to 1884. The earliest readily available record, is a Sanborn map dated 1884. This map is limited to the area described as the Former Orleans/Division Industrial Property. The majority of this portion of the property is depicted as improved with residential structures. A coopers shop (barrel maker) is shown as operating to the west of Dequindre Street between Alfred Street and Bronson Street (currently Division Street) in this year.
- TTG's visual observations of the subject property ground surfaces for potential environmental concerns (i.e., staining, stressed vegetation, patched concrete, etc.) were limited due to dense vegetation, heavy construction debris in various areas, collapsed building areas, and vehicles parked in various locations on the subject property.
- The roofs of any structures located on the subject property were not visually inspected.
- Due to a data failure, TTG was not able to contact all current or previous property owners or occupants of the subject property to conduct interviews regarding historical chemical storage, usage, or other environmental concerns at the subject property.
- Due to the scale of the aerial photographs, small features (i.e., drums, staining, storage areas, etc.) of the subject property and adjoining properties could not be accurately discerned.

#### 1.5 Terms and Conditions and Statement of Reliance

This assessment conformed to the terms and conditions stated in our proposal dated November 21, 2007. This proposal was approved by Mr. William Hischke on November 15, 2008. The proposal defined the specific Scope of Work and schedule developed for this project.

TTG performed this Phase I ESA for the benefit of The City of Detroit, Department of Environmental Affairs. TTG acknowledges that this party may rely on the contents and conclusions presented in this report. Unless stated otherwise in writing, TTG makes no other warranty, representation, or extension of reliance upon the findings of this report to any other entity or third party except as indicated.

### 2.0 PROPERTY DESCRIPTION

The following sections describe the subject property's location, improvements, and current use, as well as the current uses of the adjoining properties.

## 2.1 Location and Legal Description

The subject property is divided into three sections:

- The section described as the Former Thornapple Valley Property is located on the south side of Wilkins Street, on the east side of Orleans Street, on the north side of Alfred Street and on the west side of Dequindre Street (railroad tracks);
- The section described as the Former Thornapple Valley Parking Property is located on the south side of Wilkins Street, on the west side of Orleans Street, east of Riopelle Street, and north of Alfred Street; and
- The section described as the Former Orleans/Division Industrial Properties is located on the east side of Orleans Street, on the south side of Alfred Street, and on the north side of Adelaide Street.

Legal descriptions for the subject property are included in **Appendix A** of this report.

## 2.2 Site and Vicinity General Characteristics

The area of the subject property described as the Former Thornapple Valley Property was improved with an approximate 247,078 square foot industrial building at the time of the site reconnaissance. Portions of the building, specifically on the building's southern side, were collapsed. The building height varied from one to three stories.

The area of the subject property described as the Former Thornapple Valley Parking Property was void of structures. The majority of the property was covered with low lying dense vegetation. The southern side of the property was paved and was utilized for parking.

The area of the subject property described as the Former Orleans/Division Industrial Property was improved with an approximate 17,713 square foot industrial structure. Some old pavement was observed in various locations throughout the subject property at the time of the site reconnaissance. The entire subject property is located in Detroit's Eastern Market area of Detroit, which is generally located to the east of the I-75 Expressway, south of Mack Avenue and north of Gratiot Avenue.

## 2.3 Current Use of the Subject Property

The subject property was unoccupied at the time of the site reconnaissance. The Former Thornapple Valley building was vacated, as was the building located on the Former Orleans/Division Industrial Properties which formerly operated as Armour and Company (meat packing) and then later as the Lamb Skin Co. (a tannery). The remaining portions of the subject property were void of structures.

## 2.4 Descriptions of Improvements on the Subject Property

The subject property collectively consists of nine (9) parcels consisting of approximately 287,060 square feet of land or approximately 6.59 acres.

Natural gas and electrical services were historically provided to the subject property by DTE Energy. Water and sewer services are available to the subject property by the Detroit Water and

Sewerage Department (DWSD). The DWSD obtains its drinking water from the Detroit River and Lake Saint Clair.

Based on water and sewer maps provided by the DWSD, water and sewer services have been available to the area of the subject property since at least 1897.

The building occupying the Former Thornapple Valley Property is divided into seven sections. The building occupying the Former Orleans/Division Industrial Properties is divided into three sections described as Sections 4-6; Sections 1-3 formerly had buildings which have been demolished. These sections are clearly described on a site diagram titled "Armour & Co." which is included in Appendix A of this report. Information regarding the subject property buildings is provided in the following table.

**Table 1: General Subject Building Characteristics** 

Former Thornapple Valley Property Building (Divided into seven sections)				
Construction Features	Interior Finish	Use/Comments		
Section 1 Single story industrial structure with basement area. Brick constructed with poured concrete foundation. 19,052 Square Feet Constructed in 1942	Interior not accessible. Building vacant and unsecured <how accessible="" and="" be="" can="" it="" not="" unsecured?=""></how>	The subject building is not currently occupied and is not used for an obvious purpose; historically it was used as a meat packing/slaughter house.		
Section 2 Single story industrial structure with no basement area. Brick/block constructed with poured concrete foundation. 7,755 Square Feet Constructed in 1930	Interior not accessible. Building vacant and unsecured Ditto	The subject building is not currently occupied and is not used for an obvious purpose; historically it was used as a meat packing/slaughter house.		
Section 3 Two-story industrial structure with no basement area. Brick/block constructed with poured concrete foundation. 5,283 Square Feet Constructed in 1939	Interior not accessible. Building vacant and unsecured Ditto	The subject building is not currently occupied and is not used for an obvious purpose; historically it was used as a meat packing/slaughter house.		
Section 4 Two-story industrial structure with no basement area. Brick/block foundation with poured concrete foundation. 73,669 Square Feet Constructed in 1947	Interior not accessible. Building vacant and unsecured Ditto	The subject building is not currently occupied and is not used for an obvious purpose; historically it was used as a meat packing/slaughter house.		

Section 5 Two-story industrial structure with no basement area. Brick/block constructed with poured concrete foundation. 7,484 Square Feet Constructed in 1973	Interior not accessible. Building vacant and unsecured Ditto	The subject building is not currently occupied and is not used for an obvious purpose; historically it was used as a meat packing/slaughter house.			
Section 6 Single story industrial structure with basement area. Brick/block constructed with poured concrete foundation. 770 Square Feet Constructed in 1976	Interior not accessible. Building vacant and unsecured Ditto	The subject building is not currently occupied and is not used for an obvious purpose; historically it was used as a meat packing/slaughter house.			
Section 7 Single story industrial structure with no basement area. Brick/block constructed with poured concrete foundation. 133,065 Square Feet Constructed in 1982	Interior not accessible. Building vacant and unsecured Ditto	The subject building is not currently occupied and is not used for an obvious purpose; historically it was used as a meat packing/slaughter house.			
	Former Orleans/Division Industrial Properties (Former Lambskin/Armour and Company Building)				
Construction Features Interior Finish Use/Comments					
Construction Features	Interior Finish	Use/Comments			
Section 4 Single story, brick constructed with concrete foundation, concrete floors, flat roof (composite on wood), Constructed in 1917.	Interior Finish  Interior not accessible. Building vacant and boarded shut.	Use/Comments  The subject building is not currently occupied and is not used for an obvious purpose; historically it was used as a meat packing/slaughter house.			
Section 4 Single story, brick constructed with concrete foundation, concrete floors, flat roof (composite on wood), Constructed in	Interior not accessible. Building vacant and	The subject building is not currently occupied and is not used for an obvious purpose; historically it			

Refer to **Figure 1**, Subject Property, **Figure 2**, Topographic Map, and **Figure 3**, Subject Property Features Map.

## 2.5 Current Uses of the Adjoining Properties

Properties adjoining the subject property are described as follows:

**Table 1: Adjoining Property Use** 

Properties surrounding the Former Thornapple Valley Property:

Address	Business	Operation	Direction from the Subject Property
2001 Brewster	KAPS Wholesale	Meat Distributor	East
2814 Orleans	Saad Wholesale	Meat Distributor	West-Southwest
1923 Division	Vacant Industrial Bldg	Vacant building	South
	Detroit Edison Substation	Substation	East
Vacant-Orleans	Parking/Vacant Lots	Parking/Vacant Lots	West
1850 Erskine	Former DPW-Eastern Yard	Vacant	North

Properties surrounding the Former Thornapple Valley Parking Property:

Address	Business	Operation	Direction from the Subject Property
2902 Orleans	Former Thornapple	Former Meat	East
	Valley Property	Processing/Slaughter	
		House	
NA	Vacant Land	Vacant Land	North
2888 Riopelle	Ernst	Hotel Supply Company	West
2910 Riopelle	Grillo Produce	Produce	West
2920 Riopelle	LKL Packing	Meat Distributor	West
1535 Alfred	Carlo Ciaramitaro	Wholesale Produce	South

Properties surrounding the Former Orleans/Division Industrial Properties:

Address	Business	Operation	Direction from the Subject Property
2902 Orleans	Former Thornapple Valley Property	Vacated	North
2814 Orleans	Saad Wholesale	Meat Distributor	North-Northwest
	Detroit Edison Substation	Substation	North
1826 Adelaide	Royal Halal Meats	Wholesale Meat Distributor	South
1930 Division	R&B Sales	Wholesale Foods	East
1939 Adelaide	Chicago Beef	Wholesale Foods	East
1801 Division	Greenbriar Foods	Meat Processing	West
1561 Adelaide	Sweiss Imported Foods	Wholesale Foods	West
2628 Orleans	Midwest Beef	Meat Processing	West
2638 Orleans	Cutters Bar and Grill	Restaurant	West
2730 Orleans	Mr. Basterma	Wholesale Sausage	West
2740 Orleans	Unique Foods	Wholesale Food Products	West

## 3.0 ENVIRONMENTAL SETTING

The following sections of this report provide a description of the subject property's physical and environmental setting.

## 3.1 Topography

The United States Department of the Interior Geological Survey (USGS) topographic map, 7.5 minute series, produced in 1981, indicates that the subject property lies within Township 02 South, Range 12 East, and is within Section 04, of the Detroit, Michigan Quadrangle. The topographic map depicts the subject property as being characterized by a low degree of topographic relief, with an average elevation of approximately 625 feet above mean sea level. A copy of the topographic map is provided for review as **Figure 2**.

### 3.2 Soil Characteristics

A review of the United States Department of Agriculture (USDA) Soil Survey for Wayne County, Michigan 1977 indicates that the subject property lies beyond the limits of the soil survey. The Wayne County Soil Survey contains a general soil map for the county and lists the general classification for the area of the subject property as the Thetford-Granby-Tedrow association which is described as nearly level to gently sloping, very poorly drained to somewhat poorly drained soils that have a coarse textured subsoil.

## 3.3 Geology

According to the Hydrogeologic Atlas of Michigan (Department of Geology, Western Michigan University, 1981, and USGS) bedrock in the vicinity of the subject property is composed of elements of Dundee limestone of the Upper Devonian Period of the Paleozoic era. Bedrock of the subject property is located approximately 100-feet below ground (bg). According to the Hydrogeologic Atlas of Michigan, hydrogeologic conditions in this area are characterized as glacial drift, at a thickness of 51 to 100 feet, which is generally not an aquifer, but may include thin interbedded aquifers at depth. Groundwater at the subject property is not used as a potable water source.

## 3.4 Groundwater Hydrology

According to the Hydrogeologic Atlas of Michigan, hydrogeologic conditions in the area of the subject property are characterized as drift that is generally not an aquifer, but may include thin interbedded aquifers at depth.

Surface water drains from the subject property to the Detroit Water and Sewerage Department (DWSD) storm sewer system. Topographic maps generated by the U.S. Geologic Survey were reviewed to identify site features, which may indicate general trends of groundwater flow. Based on the elevation of the subject property in relation to the elevations of the surrounding area and the locations of nearby bodies of surface water, shallow groundwater flow is inferred to be generally east, southeast. However, to accurately assess groundwater flow and direction, a site specific investigation would need to be performed. The Detroit River, the nearest body of water, is approximately 1.45 miles south of the subject property. Therefore, it is inferred that the ground water flow direction in the vicinity of the subject property is to flow to the south/southeast toward the Detroit River; however, a number of factors can influence ground water flow direction, and a determination of the actual flow direction would require the completion of a hydrogeologic investigation. TTG did not determine the depth to groundwater at the subject property.

### 4.0 USER PROVIDED INFORMATION

Information concerning the development and use of the subject property as provided by the Client is summarized in the following sections of this report.

### 4.1 Title Records

Title records were not provided as part of this Phase I ESA. A chain-of-title search was beyond the scope of this Phase I ESA. Therefore, TTG was not able to identify previous recorded land titleholders of the subject property, however, the historical uses and occupants of the subject property that were identified during this assessment are summarized in Section 5.0 of this assessment.

## 4.2 Environmental Liens and Activity and Use Limitations

TTG's research did not identify environmental liens or activity and use limitations (AULs) for the subject property. These issues are further discussed in Section 5.1.5.

## 4.3 Specialized Knowledge

The client did not report specialized knowledge of the subject property that is material in identifying environmental concerns for the subject property.

## 4.4 Commonly Known or Reasonably Ascertainable Information

The client did not provide TTG with commonly known or reasonably ascertainable information regarding the subject property.

#### 4.5 Valuation Reduction for Environmental Issues

The client did not report knowledge of, or reason to anticipate, a reduction in the value of the subject property for environmental issues.

# 4.6 Owner, Property Manager, and Occupant Information

The subject property is currently owned by the following:

#### Former Thornapple Valley Property

- 2900 Orleans Street: Fodale, LLC
- 2902 Orleans Street: Fodale, LLC

## Former Thornapple Valley Parking Property

- 1600 Wilkins Street: L&S Maniaci Properties, LLC
- 2901 Orleans Street: City of Detroit-P&DD
- 1576 Brewster Street: City of Detroit- P&DD

## Former Orleans/Division Industrial Properties

- 1825 Division Street: Berry & Sons Islamic Slaughter
- 1923 Division Street: City of Detroit-P&DD
- 1811 Adelaide Street: London Group Holding LLC
- 1807 Adelaide Street: E&B Brewery Lofts, Inc.

The owner and the taxpayer for each parcel are the same. All portions of the subject property were observed as unimproved at the time of the site reconnaissance with the exception of 2902 Orleans Street and 1825 Division Street which were improved with vacated industrial buildings.

### 4.7 Reason for Performing the Phase I ESA

This Phase I ESA was performed in support of a potential transfer of ownership or potential development of the subject property.

#### 5.0 RECORDS REVIEW

TTG reviewed the following state, federal and local records in regard to the subject property:

- Regulatory database search obtained from FirstSearch <sup>™</sup> Technology Corporation.
- Property tax files were reviewed at the City of Detroit Finance Department Assessments Division.
- Web records were reviewed on the MDEQ Storage Tank Information Database.
- Web records were reviewed on the MDEQ-Waste and Hazardous Materials Division (WHMD)-Waste Data System (WDS).
- Web records were reviewed on the MDEQ Lien Database.
- Available records were reviewed from the Wayne County Land Resource Management.
- Available records were reviewed from the City of Detroit Environmental Health Department.
- Records were reviewed at the City of Detroit Fire Department.
- Building department records were reviewed at the City of Detroit Buildings Safety and Engineering Department (BSED).
- Gas main strip maps were reviewed from DTE Energy Gas.

#### 5.1 Standard Environmental Record Sources

A search was performed of governmental records for listings regarding use, generation, storage, treatment or disposal of hazardous materials and chemicals or release incidents of such materials that may affect the subject property. The following sections summarize the information obtained in the standard records sources reviewed.

#### **5.1.1** Tax Assessment Records

TTG reviewed available tax assessment records maintained by the City of Detroit Finance Department, Assessments Division. The files for the subject property contained the parcel ID number, the legal descriptions, and improvement dates for the structures. TTG's review of the available assessment records did not reveal obvious environmental concerns for the subject property. According to the tax assessment records, the current owners are as follows:

- Fodale, Inc. is the owner and taxpayer of the subject property described as the Former Thornapple Valley Property, which is located between Wilkins Street and Alfred Street and between Orleans and Dequindre Street;
- L&S Maniaci Properties, LLC is the owner and taxpayer of the portion of the subject property described as the Former Thornapple Valley Parking Property with the exception of two small parcels located along the eastern property line which are owned by the City of Detroit-P&DD. This portion of the subject property is located on the south side of Wilkins Street and on the west side of Orleans Street;
- Berry and Son's Islamic Slaughter owns the portion of the subject property described as the Former Orleans/Division Industrial Properties located between Alfred Street and Division Street and to the west of Dequindre Street;
- The City of Detroit-P&DD owns the portion of the subject property described as the Former Orleans/Division Industrial Properties located Between Alfred Street and Division Street and to the east of Dequindre Street;

- London Group Holding, LLC owns the portion of the subject property described as the Former Orleans/Division Industrial Properties located between Division Street and Adelaide Street and to the west of Dequindre Street; and
- E&B Brewery Lofts, Inc. owns the portion of the subject property described as the Former Orleans/Division Industrial Properties located on the northeast corner of Orleans Street and Adelaide Street.

Copies of assessing records obtained are included in Appendix A of this report.

## **5.1.2** Building Department Records

TTG reviewed available building permits on file in the oil and gas storage cards, and tank storage cards for the subject property at the City of Detroit BSED. No environmental related information was on file at the building department regarding the subject properties. Copies of pertinent information reviewed at the building department are included in Appendix F of this report. TTG also submitted a FOIA request to the City of Detroit Building Safety and Engineering Division on April 13, 2009. <A telephone conversation was conducted with Ms. Carol Brown of the Freedom of Information Section of the City of Detroit Law Department on May 27, 2009. Ms. Brown indicated that we were "at the mercy of the BSED" and that she would forward the information to TTG as soon as the information was forwarded to the City of Detroit Law Department. Ms. Brown could not provide TTG with an approximate date that this information would be available.> <Did information ever come to TTG?>

### **5.1.3** Fire Department Records

TTG requested a review of available records for the subject property from the City of Detroit Fire Department. Records reviewed are described as follows:

#### Former Thornapple Valley Property

According to DFD records, a spill of Polychlorinated Biphenyls (PCB's) occurred at 2902
 Orleans Street on August 8, 2008. Apparently, the PCB containing material leaked from a large vat located within the building. The material pooled in the rear of the building along

the railroad right-of-way. The spill traveled for approximately ¼ mile along the former railroad right-of-way. The information on file at DFD indicates that the US EPA was left in charge of the cleanup activities related to this spill. Information obtained from the Environmental Protection Agency (EPA) website states that emergency response activities regarding this PCB release included excavation and stockpiling of heavily saturated soils, the use of absorbent rolls/booms to soak and block pools of oil, and the installation of Polysheeting to prevent direct contact and rain infiltration. Information obtained from the EPA website indicated that the PCB tank has been drained, and that the stockpiled soils resulting from the initial response activities have been removed from the site. Cleanup of the site and corresponding closure of the release was completed and verified by EPA on October 26, 2009. This spill is no longer considered a REC.

TTG reviewed the records on file at DFD dated 1984 which indicated that 4,000 to 20,000 lb tanks utilized for the storage of ammonia were located in the basement of this subject building. The disposition of these tanks is unknown, therefore this constitutes a REC for the site. Limited lighting and building security issues limited the visual inspection of the interior of the structures on site.

#### Former Orleans/Division Industrial Properties

According to DFD records dated 1987, two 15,000 gallon USTs utilized to store machine oil occupied the portion of the property possessing the common street address of 1837 Adelaide Street in this year. This portion of the subject property is located on the north side of Adelaide Street, east of Orleans Street. H.W. Rickel, a malting company, occupied the property in this year. This portion of the subject property is currently unimproved. No information was obtained related to the removal of these USTs. These USTs are considered a REC.

## **5.1.4** Local and County Environmental Health Departments

Local and county environmental health departments' responsibilities vary, but most maintain records of old landfills, dumping complaints, septic systems, water wells, and various public health concerns.

A FOIA request was submitted to the City of Detroit Environmental Health Department (EHD) and the Wayne County Land Resource Management Division (LRMD) regarding spills, leaks, water well and septic system records, or other environmental concerns to the area. A response received from the LRMD indicated that records for the subject property do not exist. In addition, the LRMD included notice of known sites of environmental concern that may be located near the subject property. TTG's manual review of the listed site provided by the LRMD did not reveal information representing an obvious REC for the subject property. A response from the City of Detroit EHD did not reveal obvious RECs for the subject property. Copies of the responses from the EHD and LRMD are included in **Appendix F** of this report.

## **5.1.5** Environmental Liens

TTG reviewed the MDEQ RRD's online Part 201 Enforcement Lien Database, which was updated on April 23, 2009, to determine if environmental liens existed for the subject property. The subject property was not listed within the database.

# **5.1.6** State Incident Tracking System

The MDNRE Remediation & Redevelopment Division (RRD) maintains records of complaints of dumps, spills, hazardous materials incidents and other environmental concerns that include reports of contaminated, clean-closed and unconfirmed reports. These records have been partially indexed into various databases at the District office locations and may or may not be readily ascertainable under the ASTM E 1527-05 Standard depending on local district recordkeeping practice. This records database source can be considered a state CERCLIS-equivalent since sites of known or suspected contamination are evaluated and scored for potential inclusion on the State Hazardous Waste Sites (SHWS) list. These indices were searched for the subject and the adjoining properties. State Hazardous Waste Sites (SHWS) are sites under investigation that could be actually or potentially contaminated, and present a possible threat to human health and the environment. <TTG did not identify obvious RECs for the subject property during the database review.>?

#### 5.2 Additional Environmental Record Sources

The following sections describe the federal and state ASTM records reviewed for this assessment.

## **5.2.1** Database Review for Subject Property

TTG utilized FirstSearch<sup>™</sup>, a regulatory database research service, to identify federal and state regulatory listings regarding use, generation, storage, treatment or disposal of hazardous materials and chemicals or release incidents of such materials that may impact the subject property. The database search radius distances as specified by the ASTM E 1527-05 Standard are provided in the table below. Additionally, the FirstSearch<sup>™</sup> report contains a "non-geocoded" list, which includes facilities that cannot be located by FirstSearch<sup>™</sup>. A description of the databases can be referenced in the FirstSearch<sup>™</sup> report located in **Appendix C**. Please note that to avoid the reproduction of the FirstSearch report for each of the Eastern Market properties included within the Brownfield Assessment Grant, the plot point, or star illustrated on the maps included within the FirstSearch report was intentionally positioned in the center of the Eastern Market area. The search radii for each database were extended one-quarter mile to insure that all sites were included in the required search radius for each specific target site. A manual review of the location of each database listed site was conducted to obtain the approximate distance of each site from the target site. The regulatory databases reviewed are summarized in the table below.

**Table 2: ASTM Search Standards** 

Database List	ASTM Standard Search Radii (+0.25 miles)	FirstSearch Sites <sup>1</sup>	Actual Sites <sup>2</sup>
National Priorities List (NPL)	1.25 Mile	0	0
NPL Delisted	0.75 Mile	0	0
Resource Conservation and Recovery Act (RCRA) Treatment, Storage, and Disposal Facility (TSDF)	0.75 Mile	0	0
State Hazardous Waste Sites (SHWS)	1.25 Mile	5	4
Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)	0.75 Mile	1	1
CERCLIS NFRAP Site	0.75 Mile	0	0
Solid Waste Facility (SWF) or Landfill (LF)	0.75 Mile	0	0

Database List	ASTM Standard Search Radii (+0.25 miles)	FirstSearch Sites <sup>1</sup>	Actual Sites <sup>2</sup>
Federal Institutional Controls/Engineering Controls (IC/EC)	0.50 Mile	0	0
State EC	0.50 Mile	0	0
State IC	0.50 Mile	0	0
State VCP	0.50 Mile	0	0
Spills-1990	0.50 Mile	0	0
Tribal Lands	1.25 Mile	0	0
Brownfield	0.75 Mile	0	0
Open Leaking Underground Storage Tank (LUST) Sites	0.75 Mile	13	11
Closed Leaking Underground Storage Tank (LUST) Sites	0.75 Mile	25	22
Registered Underground Storage Tank (RUST) Site	0.25 Mile	22	22
Registered Aboveground Storage Tank (RAST) Site	0.50 Mile	0	0
RCRA Small or Large Quantity Generator (SQG or LQG)	0.50 Mile	10	10
RCRA CORRACTS Site	1.25 Mile	1	1
Baseline Environmental Assessment (BEA) Sites	Target/Adjoining Property	4	2
Emergency Response Notification System	0.50 Mile	6	6

Footnotes: 1 Number of sites identified by the FirstSearch Database Search.

Refer to the FirstSearch<sup> $^{\text{IM}}$ </sup> report for additional databases that were searched for the subject property only. TTG's review of the FirstSearch<sup> $^{\text{IM}}$ </sup> report did not identify engineering or institutional controls, or activity and use limitations for the subject property. The subject property is listed in the RCRA-CEG, ERNS and CERCLIS databases. Details are provided in the following corresponding sections.

### 5.2.2 Database Review for Adjoining and Nearby Properties

TTG's review of the referenced databases also considered the potential or likelihood of contamination from adjoining and nearby sites. To evaluate which of the adjoining and nearby sites identified in the FirstSearch<sup>TM</sup> report present an environmental risk to the subject property, TTG considered the following criteria:

• The type of database on which the site is identified;

<sup>2</sup> Number of sites actually identified within the ASTM specified search radius based on manual review by TTG.

- The topographic position of the identified site relative to the subject property;
- The direction and distance of the identified site from the subject property;
- Local soil conditions in the subject property area;
- The known or inferred groundwater flow direction in the subject property area;
- The status of the respective regulatory agency-required investigation(s) of the identified site, if any; and
- Surface and subsurface obstructions and diversions (e.g., buildings, roads, sewer systems, utility service lines, rivers, lakes, and ditches) located between the identified site and the subject property.

Only those sites that are judged to present a potential environmental risk to the subject property are further evaluated by reviewing state and federal regulatory file information.

**Table 3: Open LUST Facilities** 

Company Name	Address	Distance/Direction (Based on FirstSearch Data)	Inferred Topographic Gradient (Based on FirstSearch Data)
Detroit Fire Department	3100 Russell St.	0.12 Miles/Southwest	Cross-Gradient
Engine 6	1011 G	0.20 ) (1 / (2 / 1 / 1	D G 11
Chicago Beef Co	1911 Gratiot Ave.	0.28 Miles/Southeast	Down-Gradient
Chicago Beef Co	1971 Gratiot Ave.	0.30 Miles/Southeast	Down-Gradient
Murry Orham	1490 Mack Ave.	0.31 Miles/Northwest	Up-Gradient
Pepsi-Cola Bottling Corp.	1555 Mack Ave.	0.33 Miles/Northwest	Up-Gradient
Joe Muer S. Restaurant	2000 Gratiot Ave.	0.33 Miles/Southeast	Down-Gradient
Housing Commission	2200 Riopelle St.	0.36 Miles/Southeast	Down-Gradient
Shell Service Station	975 Mack Ave.	0.37 Miles/Northwest	Up-Gradient
BP Gas Station	2153 Gratiot Ave.	0.38 Miles/Northeast	Cross-Gradient
Comerica Development	2281 Gratiot Ave.	0.41 Miles/Northeast	Cross-Gradient
City of Detroit	3574 St. Aubin	0.43 Miles/Northeast	Cross-Gradient

According to the FirstSearch<sup>™</sup> report, two confirmed releases (No. C-0365-06/waste oil and C-0106-06/diesel) were reported to the MDEQ on September 1, 2006 and on May 5, 2006, respectively, for the Detroit Fire Department Engine 6 (3100 Russell Street). Although the FirstSearch<sup>™</sup> report lists this site as located 0.12 miles (or approximate 615 feet) northwest of the subject property, a manual review of the location of this property in proximity to the subject property revealed that the site is adjacent to the northwest side of the Former Thornapple Valley

Parking Property. According to information obtained from an MDNRE file review of the property, contamination from the reported releases has not migrated off site, therefore this LUST site is not considered to be a REC.

According to the FirstSearch<sup>™</sup> report, two confirmed releases (No. C-2267-92 and No. C-2150-92) of gasoline and used oil, respectively, were reported to the MDEQ on December 18, 1992 and on December 4, 1992, respectively, for Chicago Beef Company (1911 Gratiot Ave. and 1971 Gratiot Avenue, respectively). Although the FirstSearch report lists these sites as located 0.28 miles (or approximate 1,489 feet) southeast of the subject property, a manual review of the location of these properties in proximity to the subject property revealed that these sites are located approximately 67 feet (approximately 0.01 miles) southeast of the subject property. A railroad right-of-way (railroad tracks), depressed 16 feet below grade level, exists between the subject property and these properties to the southeast which acts as a hydraulic barrier that aid in the restriction of the migration of contamination onto the subject property from these properties to the southeast. These sites are located topographically down-gradient from the subject property. Based on the existence of hydraulic barriers and the inferred topographic gradient, these LUST sites are not expected to have an environmental impact on the subject property.

According to the FirstSearch<sup>™</sup> report, a confirmed release (No. C-1350-90) of an unknown substance was reported to the MDEQ on July 25, 1990 for Murry Orham (1490 Mack Ave.). Although the FirstSearch<sup>™</sup> report lists this site as located 0.31 miles (or approximately 1,656 feet) northwest of the subject property, a manual review of the location of this property in proximity to the subject property revealed that the site is located approximately 0.21 miles (or approximately 1,934 feet) northwest of the Former Thornapple Valley Parking Property. Paved roadways and utility corridors exist between these sites and the subject property which act as hydraulic barriers that aid in the restriction of the migration of contamination onto the subject property from these properties to the southeast. Based on distance considerations, and the existence of hydraulic barriers this LUST site is not expected to have an environmental impact on the subject property.

According to the FirstSearch<sup>™</sup> report, a confirmed release (No. C-0185-08) of used oil was reported to the MDEQ on August 27, 2008 for Pepsi-Cola Bottling Corp. (1555 Mack Ave.). Although the FirstSearch<sup>™</sup> report indicates that this site is located 0.33 miles (approximately 1,758 feet) northwest of the subject property, a manual review of the location of this property in proximity to the subject property revealed that the site is located approximately 1,500 feet (approximately 0.28 miles) northwest of the subject property. Paved roadways and utility corridors exist between this site and the subject property which act as hydraulic barriers that aid in the restriction of the migration of contamination onto the subject property from this property to the northwest. Mack Avenue, a six lane divided roadway, exists between this site and the subject property. A file review at the MDEQ confirmed that contamination regarding this release has not migrated off site. Based on distance considerations, the existence of hydraulic barriers, and MDEQ file information that documents that contamination from this site has not migrated off site, this LUST site is not expected to have an environmental impact on the subject property.

According to the FirstSearch<sup>™</sup> report, a confirmed release (No. C-0623-98) of an unknown substance was reported to the MDEQ on June 10, 1998 for Joe Muer S Restaurant (2000 Gratiot Ave.) Although the FirstSearch<sup>™</sup> report indicates that this site is located 0.33 miles (approximately 1,758 feet) southeast of the subject property, a manual review of the location of this property in proximity to the subject property revealed that the site is located approximately 450 feet (approximately 0.09 miles) east of the subject property. This site is located on the east side of Gratiot Avenue, a six lane divided highway. Paved roadways and utility corridors exist between this site and the subject property which act as hydraulic barriers that aid in the restriction of the migration of contamination onto the subject property from this property to the southeast. Based on the existence of hydraulic barriers, this LUST site is not expected to have an environmental impact on the subject property.

According to the FirstSearch<sup>™</sup> report, the LUST site listed as Housing Commission is listed as LUST sites with current open status. This site is located over 1,100 feet south of the subject property. Paved roadways and utility corridors exist between this site and the subject property which act as hydraulic barriers that aid in the restriction of the migration of contamination onto

the subject property from this property to the south. This site is located topographically down-gradient from the subject property. Based on distance considerations, the existence of hydraulic barriers, and the inferred topographic gradient, this LUST site is not expected to have an environmental impact on the subject property.

According to the FirstSearch<sup>™</sup> report, the LUST site listed as Shell Service Station is listed as a LUST site with current open status. Although the FirstSearch<sup>™</sup> report indicates that this site is located 0.36 miles (approximately 1,900 feet) northwest of the subject property, a manual review of the location of this property in proximity to the subject property revealed that the site is located approximately 1,518 feet (approximately 0.29 miles) northwest of the subject property. Paved roadways and utility corridors exist between this site and the subject property which act as hydraulic barriers that aid in the restriction of the migration of contamination onto the subject property from this property to the northwest. Based on distance considerations, and the existence of hydraulic barriers, this LUST site is not expected to have an environmental impact on the subject property.

According to the FirstSearch<sup>™</sup> report, the LUST sites listed as BP Gas Station, Comerica Development, and City of Detroit (3574 St. Aubin) are listed as LUST sites with current open statuses. These LUST sites are located between 700 and 1,500 feet to the east-northeast of the subject property. Paved roadways and utility corridors exist between these sites and the subject property which act as hydraulic barriers that aid in the restriction of the migration of contamination onto the subject property from these properties to the east-northeast. Based on distance considerations, and the existence of hydraulic barriers these LUST sites are not expected to have an environmental impact on the subject property.

**Table 4: Closed LUST Facilities** 

Company Name	Address	Distance/Direction (Based on FirstSearch Data)	Inferred Topographic Gradient (Based on FirstSearch Data)
Abandoned Tax Reverted Parcel	3011/3033 Russell St.	0.08 Miles/Northwest	Up-Gradient
Detroit Fire Dept. Engine 6	3100 Russell St.	0.12 Miles/Northwest	Up-Gradient
Detroit Fire Apparatus	1400 Erskine St.	0.13 Miles/Northwest	Up-Gradient
City of Detroit	1555 Erskine St.	0.16 Miles/Northeast	Cross-Gradient

Company Name	Address	Distance/Direction (Based on FirstSearch Data)	Inferred Topographic Gradient (Based on FirstSearch Data)
R. Hirt Jr. Co Inc.	3000 Chrysler Dr.	0.21 Miles/Southwest	Cross-Gradient
Dave Miller	2001 Brewster St.	0.23 Miles/Northeast	Cross-Gradient
Broadway Market Corned Beef Co.	1841 Gratiot Ave.	0.28 Miles/Southeast	Down-Gradient
Gratiot Street Terminal	1860 Gratiot Ave.	0.29 Miles/Southeast	Down-Gradient
Towers Garage	1544 Gratiot Ave.	0.32 Miles/Southeast	Down-Gradient
Allied Provision	2127 Brewster St.	0.35 Miles/Northeast	Cross-Gradient
Salasnek Fisheries, Inc.	2140 Wilkins St.	0.36 Miles/Northeast	Cross-Gradient
Right-of-Way	Mac/Dequindre	0.36 Miles/Northeast	Cross-Gradient
Shell Service Station	975 Mack Ave.	0.37 Miles/Northwest	Up-Gradient
Delta Manor, Inc.	2150 E. Vernor	0.42 Miles/Southeast	Down-Gradient
Freezer Facility Property	1300 Maple St.	0.52 Miles/Southeast	Down-Gradient
Wheels Corp	289 Adelaide St.	0.60 Miles/Southwest	Cross-Gradient
Former Gasoline Station	2621 Brush St.	0.61 Miles/Southwest	Cross-Gradient
Wheels Corporation	2555 Brush St.	0.61 Miles/Southwest	Cross-Gradient
Lafayette Towers	1301 Orleans St.	0.70 Miles/Southeast	Down-Gradient
Former Gasoline Station	2500 John R. St.	0.70 Miles/Southwest	Cross-Gradient
St. Vincent DePaul (Store)	2960 Gratiot Ave.	0.75 Miles/Northeast	Cross-Gradient

The LUST site listed as Abandoned Tax Reverted Parcel (3011/3033 Russell) is listed as a LUST site with a closed status. A confirmed release (No. C-0842-00) of an unknown substance was reported to the MDEQ on October 12, 2000. This release is listed as closed as of April 21, 2004. The closed status of this release indicates that cleanup activities regarding the release have been completed. Although the FirstSearch™ report indicates that this site is located 0.08 miles (approximately 400 feet) west of the subject property, a manual review of the location of this property in proximity to the subject property revealed that the site is located approximately 690 feet (approximately 0.13 miles) west of the subject property. Paved roadways and utility corridors exist between this site and the subject property which act as hydraulic barriers that aid in the restriction of the migration of contamination onto the subject property from this property to the northwest. Based on the existence of hydraulic barriers, and the closed status of the reported release, this LUST site is not expected to have an environmental impact on the subject property.

The LUST site listed as Detroit Fire Dept. Engine 6 (3100 Russell St.) is listed as a LUST site with a closed status. A confirmed release (No. C-0535-97) of diesel was reported to the MDEQ on July 7, 1997. This release is listed as closed as of October 29, 1997. The closed status of this release indicates that cleanup activities regarding the release have been completed. Although the

FirstSearch<sup>™</sup> report lists this site as located 0.12 miles (approximately 622 feet) northwest of the subject property, a manual review of the location of this property in proximity to the subject property revealed that the site is located adjacent to the northwest corner of the Former Thornapple Valley Parking Property. TTG reviewed the file for this site at the MDEQ which revealed that contamination from this site has not migrated off site. Due to the closed status of this release, and MDEQ information that indicates that contamination from this release has not migrated off site, this property is not expected to have an environmental impact on the subject property.

The LUST site listed as Detroit Fire Apparatus (1400 Erskine St.) is listed as a LUST site with a closed status. A confirmed release (No. C-0638-95) of gasoline was reported to the MDEQ on June 5, 1995. This release is listed as closed as of September 20, 1999. The closed status of this release indicates that cleanup activities regarding the release have been completed. Although the FirstSearch<sup>™</sup> report lists this site as located 0.13 miles (or approximately 700 feet) northwest of the subject property, a manual review of the location of this property in proximity to the subject property revealed that the site is located approximately 560 feet (approximately 0.11 miles) northwest of the subject property. Due to the closed status of this release, this property is not expected to have an environmental impact on the subject property.

The LUST site listed as City of Detroit (1555 Erskine St.) is listed as a LUST site with a closed status. A confirmed release (No. C-2181-90) of an unknown substance was reported to the MDEQ on October 25, 1990. This release is listed as closed as of June 14, 1993. The closed status of this release indicates that cleanup activities regarding the release have been completed. Although the FirstSearch<sup>™</sup> report list this site as located 0.16 miles (or approximately 838 feet) northeast of the subject property, a manual review of the location of this property in proximity to the subject property revealed that the site is located approximately 0.10 miles (or approximately 513 feet) northwest of the subject property. Based on the closed status of this release this site is not expected to have an environmental impact on the subject property.

The LUST site listed as R Hirt Jr. Co Inc. (3000 Chrysler Drive) is listed as a LUST site with a closed status. A confirmed release (No. C-0842-92) of diesel, gasoline and used oil was reported

to the MDEQ on May 22, 1992. This release is listed as closed as of July 7, 1997. The closed status of this release indicates that cleanup activities regarding the release have been completed. Although the FirstSearch<sup>™</sup> report lists this site as located 0.21 miles (approximately 1,088 feet) southwest of the subject property, a manual review of the location of this property in proximity to the subject property revealed that the site is located approximately 0.21 miles (approximately 1116 feet) southwest of the subject property. Paved roadways and utility corridors exist between this site and the subject property which act as hydraulic barriers that aid in the restriction of the migration of contamination onto the subject property from this property to the northwest. A file review performed at the MDEQ revealed that the contamination regarding this release has not migrated off site. Due to distance considerations, the closed status of this release, the existence of hydraulic barriers, and MDEQ information that indicates that contamination from this release has not migrated off site, this property is not expected to have an environmental impact on the subject property.

The LUST site listed as Dave Miller (2001 Brewster St.) is listed as a LUST site with a closed status. A confirmed release (No. C-0510-91) of an unknown substance was reported to the MDEQ on March 29, 1991. This release is listed as closed as of May 3, 1993. The closed status of this release indicates that cleanup activities regarding the release have been completed. Although the FirstSearch™ report lists this site as located 0.23 miles (or approximately 1,220 feet) northeast of the subject property, a manual review of the location of this property in proximity to the subject property revealed that the site is located approximately 172 feet (approximately 0.03 miles) east of the subject property. Paved roadways, and utility corridors exist between this site and the subject property which act as hydraulic barriers that aid in the restriction of the migration of contamination onto the subject property from this property to the southeast. This site is located topographically down-gradient from the subject property. Based on the existence of hydraulic barriers, the inferred topographic gradient, and the closed status of this release, this site is not expected to have an environmental impact on the subject property.

The LUST site listed as Gratiot Street Terminal (1860 Gratiot Avenue) is listed as a LUST site with a closed status. A confirmed release (No. C-1133-98) of diesel was reported to the MDEQ on November 10, 1998. This release is listed as closed as of August 5, 1999. The closed status

of this release indicates that cleanup activities regarding the release have been completed. Although the FirstSearch<sup>™</sup> report lists this site as located 0.31 miles (or approximately 1,625 feet) northeast of the subject property, a manual review of the location of this property in proximity to the subject property revealed that the site is located approximately 604 feet (approximately 0.11 miles) southeast of the subject property. Paved roadways, and utility corridors exist between this site and the subject property which act as hydraulic barriers that aid in the restriction of the migration of contamination onto the subject property from this property to the southeast. Based on the existence of hydraulic barriers, and the closed status of this release, this site is not expected to have an environmental impact on the subject property.

According to the FirstSearch<sup>™</sup> report, the LUST sites listed as Wheels Corp. (289 Adelaide St.), Former Gasoline Station (2621 Brush St.), Wheels Corp. (2555 Brush St.), and Former Gasoline Station (2500 John R. St.). are listed as LUST sites with current closed statuses. All five of these sites are located over 3,300 feet to the southwest of the subject property. Paved roadways and utility corridors exist between these sites and the subject property which act as hydraulic barriers that aid in the restriction of the migration of contamination onto the subject property from these properties to the southwest. Based on distance considerations, the existence of hydraulic barriers, and the closed status of these releases, these LUST sites are not expected to have an environmental impact on the subject property.

According to the FirstSearch<sup>™</sup> report, the LUST sites listed as Towers Garage, Delta Manor, Freezer Facility Property, and Lafayette Towers are listed as LUST sites with current closed statuses. All six of these sites are located over 800 feet to the south-southeast of the subject property. Paved roadways and utility corridors exist between these sites and the subject property which act as hydraulic barriers that aid in the restriction of the migration of contamination onto the subject property from these properties to the south-southeast. These sites are located topographically down-gradient from the subject property. Based on distance considerations, the existence of hydraulic barriers, the inferred topographic gradient, and the closed status of these releases, these LUST sites are not expected to have an environmental impact on the subject property.

According to the FirstSearch<sup>™</sup> report, the LUST sites listed as Allied Provision, Salasnek Fisheries, Right-of-Way (Mac/Dequindre) and St. Vincent DePaul are listed as LUST sites with current closed statuses. Both of these sites are located between 700 and 3,000 feet to the northeast of the subject property. Paved roadways and utility corridors exist between these sites and the subject property which act as hydraulic barriers that aid in the restriction of the migration of contamination onto the subject property from these properties to the east-southeast. Based on distance considerations, the existence of hydraulic barriers, and the closed status of these releases, these LUST sites are not expected to have an environmental impact on the subject property.

According to the FirstSearch<sup>™</sup> report, the LUST sites listed as Wheels Corp (289 Adelaide), Wheels Corporation (2555 Brush), Former Gasoline Station (2621 Brush), and Former Gasoline Station (2500 John R) are located between 3,700 and 4,000 feet to the southwest of the subject property. Based on distance considerations, the existence of hydraulic barriers, and the closed status of these releases, these LUST sites are not expected to have an environmental impact on the subject property.

Table 5: RCRA SQG/LQG/CEQ and RCRA COR SITE

Company Name	Generator Status	Address	Distance/Direction (Based on FirstSearch Data)	Inferred Topographic Gradient (Based on FirstSearch Data)
Thornapple Valley Inc	CEG	2900-02 Orleans St.	0.14 Miles/Northeast	Cross-Gradient
Detroit Equipment Co.	SQG	1321 Watson St.	0.15 Miles/Northwest	Up-Gradient
Rocky DFD LLC	LQG	3434 Russell St.	0.18 Miles/Northwest	Up-Gradient
R Hirt Jr. R. Co	SQG	3000 Chrysler Drive	0.21 Miles/Southwest	Cross-Gradient
Chicago Beef Co.	SQG	1939 Adelaide St.	0.26 Miles/Southeast	Down-Gradient
MIDOT Bridge	LQG	I-75 Under Wilkins St.	0.26 Miles/Southwest	Cross-Gradient
MIDOT Bridge	LQG	I-75 Under Division St.	0.28 Miles/Southwest	Cross-Gradient
Pepsi Cola Bottling Group	CEQ	1555 Mack Avenue	0.33 Miles/Northwest	Up-Gradient
Shell Oil Co.	SQG	975 Mack and Chrysler	0.37 Miles/Northwest	Up-Gradient
MIDOT Bridge	LQG	I-75 Under Mack Ave.	0.39 Miles/Northwest	Up-Gradient

Company Name	Generator Status	Address	Distance/Direction (Based on FirstSearch Data)	Inferred Topographic Gradient (Based on FirstSearch Data)
EQ Detroit Inc.	COR Site	1923 Frederick St.	1.23 Miles/Northwest	Up-Gradient

Thornapple Valley Inc. is listed on the RCRA Generator database as a Conditionally Exempt Small Quantity Generator (CEG) (generators who generate less than 100 kilograms of hazardous materials per month). This site is the portion of the subject property defined as Former Thornapple Valley Property. This site is listed with no reported violations. Based on site status this site is not expected to have an environmental impact on the subject property due to its listing as a RCRA generator.

R. Hirt Jr. R. Co., Detroit Equipment Company, Chicago Beef Company, and Shell Oil Company are listed on the RCRA Generator database as Small Quantity Generators (SQG) (generators who generate between 100 and 1000 kilograms of hazardous materials per month). These sites are located between 940 and 1,800 feet from the subject property. These sites are listed with no reported violations. Information obtained on the MDNRE-WHMD-WDS Web Inquiry System states that waste generation has ceased at all four of these RCRA sites. Based on distance considerations, the presence of hydraulic barriers, and the current site statuses, these sites are not expected to have an environmental impact on the subject property.

Rocky DFD LLC, MDOT Bridge (I-75 under Wilkins), MDOT Bridge (I-75 under Division), and MDOT Bridge (I-75 under Mack) are listed on the RCRA Generator database as a Large Quantity Generators (LQG) (generators who generate more than 1000 kilograms of hazardous materials per month). These sites are located between 754 and 1,865 feet from the subject property. These sites are listed with no reported violations. According to information obtained from the MDNRE-WHMD-WDS Inquiry System database, these sites are no longer generating waste. These sites are not expected to have an environmental impact on the subject property.

Pepsi-Cola Bottling Group is listed on the RCRA Generator database as a (CEG). This site is located approximately 1,477 feet from the subject property. This site is listed with no reported violations and is listed within the MDNRE-WHMD-WDS Web Inquiry System database as no

longer generating waste. This site is located on the north side of Mack Avenue, a six lane divided roadway. Based on site status and the presence of hydraulic barriers, this site is not expected to have an environmental impact on the subject property.

EQ Detroit Inc. is listed on the RCRA Corrective Action Site (RCRA-COR Site) (generators whose facilities have reported violations and are subject to corrective actions). This site is located approximately 5,800 feet from the subject property. Based on distance considerations, and the presence of hydraulic barriers, this site is not expected to have an environmental impact on the subject property.

**Table 6: Emergency Response Notification Sites (ERNS)** 

Company Name	Address	Distance/Direction (Based on FirstSearch Data)	Inferred Topographic Gradient (Based on FirstSearch Data)
Thorn Apple Valley Inc.	2900 Orleans Street	0.14 Miles/Northeast	Cross-Gradient
Detroit Edison Company	1955 Alfred Street	0.20 Miles/Northeast	Cross-Gradient
Cattleman's Meat Center (Two Incidents)	1825 Scott Street	0.28 Miles/Northeast	Cross-Gradient
Michigan Bell Co.	Russell and Mack St. Corner	0.31 Miles/Northwest	Up-Gradient
Mack/Chrysler/Wilkins/ St. Antoine	Mack/Chrysler/Wilkins/St. Antoine	0.35 Miles/Northwest	Up-Gradient

Although the FirstSearch<sup>™</sup> report lists the Thorn Apple Valley Inc. site (2900 Orleans St.) as located approximately 0.14 miles (approximately 740 feet) northeast of the subject property, a manual review of the location of this property in proximity to the subject property revealed that the site is the subject property. The FirstSearch<sup>™</sup> report lists that a spill of approximately 500 gallons of transformer oil occurred on the subject property on July 2, 1991. The spill is reportedly a result of vandalism. The material flowed into a sump area. A contractor vacuumed the material and then used sorbent pads to address the spill. The listing of the subject property as an ERNS site is a REC. <Add clean up actions taken in 2008 & 2009.>

Although the FirstSearch<sup>™</sup> report lists the Cattleman's Meat Center site (1825 Scott Street) as located approximately 0.28 miles (approximately 1,480 feet) northeast of the subject property, a manual review of the location of this property in proximity to the subject property revealed that the site is located approximately 0.17 miles (approximately 915 feet) north of the subject

property. The FirstSearch<sup>™</sup> report lists that a spill of approximately 50 gallons of unknown oil from a compressor occurred on the subject property on May 5, 1993. No information was provided regarding steps taken to address the spill. The FirstSearch<sup>™</sup> report also lists that a second spill of approximately 100 gallons of polychlorinated biphenyls (PCBs) transformer oil occurred on April 7, 1993. The transformer failed due to old age and leaked onto the roof of the building. The transformer was removed and the contaminated section of the roof was removed. The release related to the building roof is not expected to have an environmental impact on the subject property due to the spill being limited to the building roof. Based on distance considerations, and hydraulic barriers, the spill related to the 50 gallons of unknown oil from a compressor is not expected to have an environmental impact on the subject property.

Although the FirstSearch<sup>™</sup> report lists the Detroit Edison Company site (1955 Alfred Street) as located approximately 0.20 miles (approximately 1,070 feet) northeast of the subject property, a manual review of the location of this property in proximity to the subject property revealed that the site is located adjacent to the north of the portion of the subject property described as Former Orleans/Division Industrial Properties and adjacent to the east of the portion of the subject property described as the Former Thornapple Valley Property. The FirstSearch<sup>™</sup> report lists that a spill of approximately 4 quarts of Polychlorinated Biphenyls (PCB's) from a portable transformer occurred on the property on October 24, 1994. The spill is reportedly a result of equipment failure. No information was provided regarding steps taken to address the spill. Based on distance considerations this site is considered to be a REC.

Although the FirstSearch<sup>™</sup> report lists the Michigan Bell Co site (Russell and Mack) as located approximately 0.31 miles (approximately 1,644) northwest of the subject property, a manual review of the location of this property in proximity to the subject property revealed that the site is located approximately 956 feet (approximately 0.18 miles) west-northwest of the subject property. The FirstSearch<sup>™</sup> report lists that a spill of approximately 10 gallons of petroleum based liquid and water occurred on June 28, 1990. The spill was a result of excavation activities that uncovered an old buried oil tank (250-gallon capacity). The tank was removed from the excavation. Due to distance considerations and the presence of hydraulic barriers, this ERNS site is not expected to have an environmental impact on the subject property.

The FirstSearch<sup>™</sup> report lists the Mack/Chrysler/Wilkins/St. Antoine site as located approximately 0.35 miles (1,855 feet) northwest of the subject property. This property is located to the south of the I-75 Expressway, an eight-lane divided depressed highway. The FirstSearch<sup>™</sup> report lists that a spill of approximately 220 gallons of PCB's occurred on April 15, 1992. The spill was a result of 4 leaking abandoned drums containing PCB's. Due to distance considerations and the location of this site across the expressway, this ERNS site is not expected to have an environmental impact on the subject property.

Table 7: Comprehensive Environmental Response Conservation and Liability Information System (CERCLIS) Sites

Company Name	Address	Distance/Direction (Based on FirstSearch Data)	Inferred Topographic Gradient (Based on FirstSearch Data)
Thorn Apple Valley-Orleans	2900 Orleans Street	0.14 Miles/Northeast	Cross-Gradient

COmprehensive Environmental Response Compensation and Liability Information System (CERCLIS) sites are confirmed and potential hazardous waste sites which the EPA Superfund program has some involvement. This database includes sites that are on the National Priority List (NPL) as well as sites that are in the screening phase for possible inclusion on the NPL. Although the FirstSearch<sup>TM</sup> report lists the Thorn Apple Valley-Orleans site as located approximately 0.14 miles northeast of the subject property, a manual review of the location of this property in proximity to the subject property revealed that the site is located on the subject property. This listing of the subject property as a CERCLIS site is a REC.

**Table 8: State Hazardous Waste Sites (SHWS)** 

Company Name	Address	Distance/Direction (Based on FirstSearch Data)	Inferred Topographic Gradient (Based on FirstSearch Data)
Russell/Watson St. Near Eastern Market	3011 Russell St.	0.08 Miles/Northwest	Cross-Gradient
Detroit Metropolitan Building	33 John R. St.	1.02 Miles/Southwest	Cross-Gradient
Hudson Building	1206 Woodward Ave.	1.14 Miles/Southwest	Cross-Gradient
Geri S Auto Service	3574 2 <sup>nd</sup> Ave.	1.16 Miles/Southwest	Cross-Gradient
EQ Detroit Inc.	1923 Frederick St.	1.09 Miles/Northwest	Up-Gradient

State Hazardous Waste Sites (SHWS) are sites under investigation that could be actually or potentially contaminated, and present a possible threat to human health and the environment.

Although the FirstSearch report lists the Russell/Watson St. site as located 0.08 miles (approximately 415 feet) west of the subject property, a manual review of the location of this property in proximity to the subject property revealed that the site is located approximately 0.13 miles (approximately 695 feet) west of the subject property. Due to distance considerations and hydraulic barriers, this SHWS site is not expected to have an environmental impact on the subject property.

The sites listed as Detroit Metropolitan Building, Hudson Building, Geri S Auto Service, and EQ Detroit, Inc are located over 4,700 feet from the subject property. Due to distance considerations and hydraulic barriers, these SHWS sites are not expected to have an environmental impact on the subject property.

#### 5.2.3 MDNRE Web Records

The online MDNRE Storage Tank Information Database does not list additional sites associated with the subject property that were not listed in the FirstSearch<sup>™</sup> report

The online MDNRE Brownfields-UST database lists the Former Thornapple Valley Property as a Brownfield site. The property is listed with the address of 2900 Orleans Street. This listing suggests the release has occurred on the site. The listing of the property within the MDNRE-Brownfields-UST database is a REC.

The online MDNRE WHMD-WDS database lists the Thornapple Valley site as a Conditionally Exempt Small Quantity Generator with no listed violation records.

#### 5.2.4 MDNRE Freedom of Information Act (FOIA) Records Review

TTG utilized FirstSearch Technology Corporation (FirstSearch<sup>™</sup>), a regulatory database research service, to identify federal and state regulatory listings regarding use, generation, storage,

treatment or disposal of hazardous materials and chemicals or release incidents of such materials that may impact the subject property.

TTG also submitted a FOIA request to the MDEQ to manually review the LUST files for adjoining properties and/or properties within close proximity to the subject property. These properties are addressed as 1490 Mack Avenue, 3100 Russell Street, 3000 Chrysler Drive, 1400 Erskine Street, 1555 Mack Avenue, Mack/Dequindre, and 1555 Erskine Street. Files were reviewed for the properties addressed as 1490 Mack Avenue, 3100 Russell Street, 3000 Chrysler Drive, and 1555 Mack Avenue. No files were found for the sites addressed as 1400 Erskine Street, Mack/Dequindre and 1555 Erskine Street. The available files reviewed indicate that previous environmental investigations performed on these sites show that contamination from previous releases has not migrated off site.

## 5.2.5 EPA Region 5 Emergency Response Notification System Website Review

Staining of the subject building wall and soils directly adjacent to the building wall along the southeastern side of the Former Thornapple Valley building was observed at the time of the site reconnaissance. According to fire department records, a spill of Polychlorinated Biphenyls (PCB's) occurred at 2902 Orleans Street on August 8, 2008. Apparently, a spill of PCB containing material leaked from a large vat located within the building. The material migrated from the building to the adjoining railroad right-of-way to the east. The spill traveled for approximately ¼ mile along the former railroad right-of-way. Information obtained from the Environmental Protection Agency (EPA) website states that emergency response activities regarding this PCB release included excavation and stockpiling of heavily saturated soils, the use of absorbent rolls/booms to soak and block pools of oil, and the installation of Polysheeting to prevent direct contact and rain infiltration. Information obtained from the EPA website indicated that the PCB tank has been drained, and that the stockpiled soils resulting from the initial response activities have been removed from the site. Data provided within the EPA records states that ammonia tanks, PCBs, fuel oil and abandoned drums within the building. Cleanup of the site and corresponding closure of the release has not been completed therefore the PCB release at this site is a REC. Additionally, EPA's listing of reported ammonia tanks, fuel oil and abandoned drums within the facility is also a REC. Copies of pertinent information obtained from the EPA website are included in Appendix D of this report. <Finish discussion of closure of PCB spill>

#### 6.0 PROPERTY HISTORY AND HISTORICAL USE INFORMATION

A history of the previous uses of the subject and surrounding properties to the extent that this information was revealed in the course of researching the subject property was developed consistent with practices specified in ASTM Standard E 1527-05. Based on the historical sources specified in the ASTM Standard, TTG reviewed the sources listed below.

- Copies of representative historic Sanborn<sup>®</sup> maps dated 1897, 1921, 1950, 1988, and 1991 were obtained from FirstSearch<sup>™</sup> Technology Corporation.
- Aerial photographs dated 1949, 1952, 1956, 1961, 1981 and 1997 were obtained from SEMCOG/DTE.
- An aerial photograph dated 1999 was obtained from Terraserver®-usa.com.
- An aerial photograph dated 2005 was obtained from MapCard<sup>™</sup>.
- An aerial photograph dated 2007 was obtained from Google Earth<sup>™</sup>.
- Local street directories for 1921, 1927, 1931, 1935, 1940, 1951, 1963, 1967, 1972, 1981, 1985, 1989, 1993, 1995, 1998, 2001, 2005 and 2007 were reviewed at the Henry Ford Centennial Library in Dearborn Michigan and at the Royal Oak Public Library.

Copies of representative historical information are provided in applicable appendices.

The following sections describe the historical uses and development of the subject and adjoining properties that were identified during this assessment.

# 6.1 Historical Use Information on the Subject Property

# Former Thornapple Valley Property

Based on the sources reviewed for this assessment, the portion of the subject property described as Former Thornapple Valley was improved with residential dwellings with detached garages in the late 1800's. The building that currently occupies this portion of the subject property was

originally constructed in 1930 with additions constructed in the 1930's, 1940's, 1970's and 1980's. Between the years 1921 and 1994, scrap iron yards, a waste paper and rag warehouse, a carpet pad manufacturer, and a meat packing and slaughter house operated on this portion of the subject property. The property has been un-operational since 1994.

# Former Thornapple Valley Parking Property

Based on the sources reviewed for this assessment, the portion of the subject property described as Former Thornapple Valley Parking Property was improved with residential dwellings with detached garages from the late 1800's to the mid 1960's, with the exception of a private garage and an auto repair facility that operated on the northeast side of the property in 1921 and 1950, respectively. The property has been vacant or has been utilized for parking from 1970 to the present.

# Former Orleans/Division Industrial Property

Based on the sources reviewed for this assessment, the portion of the subject property described as Former Orleans/Division Industrial Property was improved with residential dwellings with detached garages in 1884. Residential dwellings, coal and wood storage yards occupied the property by the year 1897. Grocery warehouses, a warehouse for a sugar company, a coal yard and residential dwellings existed on the property by the year 1921. Wholesale meat companies, a malt producer, a sugar dealer, and wholesale grocery warehouses/distributors occupied the property between the years 1950 to the present. The property currently consists of vacant lots, and one vacant industrial structure.

The following sections further describe the operations and years of the former operations that took place on the property between the years 1884 to the present.

# **6.1.1** Sanborn® Fire Insurance Maps

TTG obtained Sanborn® maps dated 1884, 1897, 1921, 1950, 1988 and 1992 from FirstSearch™.

#### Former Thornapple Valley Property

1897

TTG's review of the Sanborn® map dated 1897 depicts the majority of the property described as the Former Thornapple Valley Property as improved with residential dwellings with detached garages. A wood yard is illustrated on the property's southeast corner. The property is bordered by Wilkins Street to the north, Orleans Street to the west, Alfred Street to the south, and Dequindre Street (railroad right-of-way) to the east.

The properties to the north, east, and to the west of the property are improved with residential dwellings (some with detached private auto garages) and a few retail stores in 1897. A property with wood and coal storage sheds is depicted to the south of the property on the south side of Alfred Street. Two retail stores and several residential dwellings with detached private auto garages are also illustrated on the property to the south.

#### 1921

TTG's review of the Sanborn® map dated 1921 depicts the property as improved with residential homes with detached private auto garages, scrap iron yards, northeast corner of the portion of the property, east of Dequindre Street between Alfred Street and Division Street, as improved with residential dwellings. A paper and rag warehouse (A. Simon & Company, Inc.) occupied the southern side of the property in 1921. The property is bordered by Wilkins Street to the north, Orleans Street to the west, Alfred Street to the south, and Dequindre Street (railroad right-of-way) to the east.

One residential dwelling with a detached private auto garage is depicted to the north of the subject property, on the north side of Wilkins Street. The Department of Public Works is also located to the north of the property in this year. Residential dwellings and one retail store are illustrated on the property to the west, on the west side of Orleans Street. Residential dwellings, with detached private auto garages, residential flats and a couple of retail stores are depicted to the south of the property. Armour and Company, a grocery warehouse, is also depicted to the south of the property on the south side of Alfred Street. A railroad right-of-way (railroad tracks) bound the property's east side. Champion Beverage Company (a manufacturer of soft drinks), scrap iron yards, residential dwellings and vacant lots occupy the property to the east of the railroad tracks (Dequindre Street). The west side of the property, to the west of Dequindre Street

between Alfred Street and Adelaide Street, is bounded by residential dwellings to the west and to the north. Residential dwellings, an office and a brewery are depicted to the south of the property, on the south side of Adelaide Street (west of Dequindre Street) in this year. The 1921 Sanborn® map also depicts a brewery to the southwest of the property, on the southwest corner of Orleans Street and Adelaide Street.

1950

TTG's review of the Sanborn<sup>®</sup> map dated 1950 depicts the northern section of the property as improved with a factory building. The southern section of the property is illustrated as improved with a factory building operating as Allen Industries, a manufacturer of carpet pads. A 20,000 gallon water tank, rooftop dust collectors, and a boiler room are all illustrated as part of this building. The western side of the property, bounded by Orleans Street, is depicted as improved with three residential dwellings and an auto contractor's storage garage. The property is bordered by Wilkins Street to the north, Orleans Street to the west, Alfred Street to the south, and Dequindre Street (railroad right-of-way) to the east.

The Department of Public Works is located to the north of the property in this year. Residential dwellings and one retail store are illustrated on the property to the west, on the west side of Orleans Street. Residential dwellings with detached private auto garages, residential flats, a dye house, and wholesale meat and poultry distributors are depicted to the south of the property. Armour and Company-East Side Branch, a grocery warehouse, is also depicted to the south of the property on the south side of Alfred Street. A railroad right-of-way (railroad tracks) bound the property's east side. Schmidt Brewery, scrap iron yards, and one residential dwelling occupy the property to the east of the railroad tracks (Dequindre Street).

# 1988 and 1991

TTG's review of the Sanborn<sup>®</sup> maps dated 1988 and 1991 depict the property improved with a factory building operating as a slaughter house and meat packing plant. A private garage, a cooler, a loading dock and a boiler room are illustrated on these Sanborn maps as part of the subject building. A parking area is depicted on the northwest corner of the property in these years. This building is labeled as vacant on the Sanborn<sup>®</sup> map dated 1991.

The Department of Public Works is located to the north of the property, on the north side of Wilkins Street, in the Sanborn map dated 1988. The property to the north is depicted as unimproved and un-operational in the Sanborn map dated 1991. A company known as Lamb Skin Co. operated on the property to the south, on the south side of Alfred Street in the years 1988 and 1991. Wholesale meat distributors also occupied the properties to the south in both of these years. Vacant lots, parking areas, and a rendering plant occupy the property to the west, on the west side of Orleans Street, in both years. A food products facility occupies the property to the east, to the east of the railroad tracks (Dequindre Street) on the south side of Wilkins Street (north of Brewster Street) in both years.

# Former Thornapple Valley Parking Property

1897

TTG's review of the Sanborn® map dated 1897 depicts the majority of the property described as the Former Thornapple Valley Property Parking as improved with residential dwellings with detached garages. A wood yard is illustrated on the property's southeast corner. The property is bordered by Wilkins Street to the north, Orleans Street to the west, Alfred Street to the south, and Dequindre Street (railroad right-of-way) to the east.

The properties to the north, east, and to the west of the property are improved with residential dwellings (some with detached private auto garages) and a few retail stores in 1897. A property with wood and coal storage sheds is depicted to the south of the property on the south side of Alfred Street. Two retail stores and several residential dwellings with detached private auto garages are also illustrated on the property to the south.

1921 and 1950

TTG's review of the Sanborn® map dated 1921 depicts the property as improved with residential homes with detached private auto garages, scrap iron yards, northeast corner of the portion of the property, east of Dequindre Street between Alfred Street and Division Street, as improved with residential dwellings. A paper and rag warehouse (A. Simon & Company, Inc.) occupied the southern side of the property in 1921. The property is bordered by Wilkins Street to the north,

Orleans Street to the west, Alfred Street to the south, and Dequindre Street (railroad right-of-way) to the east.

One residential dwelling with a detached private auto garage is depicted to the north of the subject property, on the north side of Wilkins Street. The Department of Public Works is also located to the north of the property in this year. Residential dwellings and one retail store are illustrated on the property to the west, on the west side of Orleans Street. Residential dwellings, with detached private auto garages, residential flats and a couple of retail stores are depicted to the south of the property. Armour and Company, a grocery warehouse, is also depicted to the south of the property on the south side of Alfred Street. A railroad right-of-way (railroad tracks) bound the property's east side. Champion Beverage Company (a manufacturer of soft drinks), scrap iron yards, residential dwellings and vacant lots occupy the property to the east of the railroad tracks (Dequindre Street). The west side of the property, to the west of Dequindre Street between Alfred Street and Adelaide Street, is bounded by residential dwellings to the west and to the north. Residential dwellings, an office and a brewery are depicted to the south of the property, on the south side of Adelaide Street (west of Dequindre Street) in this year. The 1921 Sanborn® map also depicts a brewery to the southwest of the property, on the southwest corner of Orleans Street and Adelaide Street.

1988 and 1991

TTG's review of the Sanborn® maps dated 1988 and 1991 depict the property as vacant lots and parking areas.

The Department of Public Works-Department of Sanitation is located to the north of the property in the Sanborn map dated 1988. This property is depicted as unimproved in the year 1991. Commercial concrete block constructed structures border the west and south sides of the property. Wholesale meat distributors are listed as operating within these structures in these years. A rendering plant is depicted as operating within the building bounding the property's southeast corner in these Sanborn maps. The Former Thornapple Valley Property occupies the property to the east on the east side of Orleans Street in 1988 and 1991.

# Former Orleans/Division Industrial Property

1884

TTG's review of the Sanborn® map dated 1884 depicts the majority of the property described as the Orleans/Division Industrial Property as improved with residential dwellings with detached garages. A retail store is depicted on the northeast corner of Division Street and Dequindre Street. A cooper shop (barrel maker) operated on the southwest corner of Division Street and Dequindre Street. The property is bordered by Alfred Street to the north, Orleans Street to the west, Bronson Street (now Adelaide Street) to the south, and Dequindre Street (railroad right-of-way) to the east. The northeast section of the property, to the east of Dequindre Street is bordered by Alfred Street to the north, Division Street to the south and Dequindre Street to the west.

The properties to the north, south, east, and to the west of the property are improved with residential dwellings and a few retail stores in 1884. A brewery operated to the southwest of the property, on the southwest corner of Adelaide Street and Orleans Street, in this year.

1897

TTG's review of the Sanborn® map dated 1897 depicts the northeast portion of the property, east of Dequindre Street between Alfred Street and Division Street, as improved with residential dwellings. The northwest portion of the property, along the west side of Dequindre Street (railroad right-of-way) between Alfred Street and Division Street, operated as a coal and wood yard. The remaining areas of this portion of the property are improved with residential dwellings. The property is bordered by Alfred Street to the north, Orleans Street to the west, Adelaide Street to the south, and Dequindre Street (railroad right-of-way) to the east. The northeast section of the property, west of Dequindre Street, is bordered by Alfred Street to the north, Division Street to the south and Dequindre Street to the west.

The east side of the property, to the east of Dequindre Street between Alfred Street and Division Street, is bordered by residential dwellings to the north, south, and to the east. The west side of the property, to the west of Dequindre Street between Alfred Street and Adelaide Street, is

bounded by residential dwellings. Residential dwellings, an office and a brewery are depicted to the south of the property, on the south side of Adelaide Street (west of Dequindre Street) in this year. The brewery is labeled as destroyed by fire on May 9<sup>th</sup>, 1897. A brewery is also depicted to the southwest of the property, on the southwest corner of Orleans Street and Adelaide Street.

1921

TTG's review of the Sanborn® map dated 1921 depicts the northeast corner of the portion of the property, east of Dequindre Street between Alfred Street and Division Street, as improved with residential dwellings. The remainder of the eastern portion of the property is labeled as operating as W.H. Edgar and Son, Sugar Dealers. Flour and sugar warehouses, a private garage, a grocery warehouse/furniture storage/furniture repair facility (4<sup>th</sup> floor) also occupied the site. The portion of the property bordering the west side of Dequindre Street (railroad right-of-way) is operating as Armor Co. (Grocery Warehouse). An ammonia drum storage building, and auto garage are located on the south side of the property. Two residential dwellings and two residential flats also occupy the property in this year. The portion of the property located to the west of Dequindre Street (railroad right-of-way) between Division Street and Adelaide Street (east of Orleans Street) operated as Julius Knack Coal Company in 1921. Coal sheds, coal elevators, offices and auto garages occupied this portion of the site in this year. The Sanborn® map also depicts three residential dwellings, three residential flats and two retail stores on this portion of the subject property. The property is bordered by Alfred Street to the north, Orleans Street to the west, Adelaide Street to the south, and Dequindre Street (railroad right-of-way) to the east. The northeast section of the property is bordered by Alfred Street to the north, Division Street to the south and Dequindre Street to the west.

The east side of the property, to the east of Dequindre Street between Alfred Street and Division Street, is bordered by residential dwellings to the north and to the east. Residential dwellings and a grain elevator (feed mill) occupy the properties to the south on the south side of Adelaide Street. The west side of the property, to the west of Dequindre Street between Alfred Street and Adelaide Street, is bounded by residential dwellings to the west and to the north. Residential dwellings, an office and a brewery are depicted to the south of the property, on the south side of

Adelaide Street (west of Dequindre Street) in this year. The 1921 Sanborn® map also depicts a brewery to the southwest of the property, on the southwest corner of Orleans Street and Adelaide Street.

1950

TTG's review of the Sanborn® map dated 1950 depicts the northeast corner of the portion of the property, east of Dequindre Street between Alfred Street and Division Street, as improved with an industrial building labeled as operating as Edgar's Sugar House. Warehouses, a truck storage area, and a loading dock are depicted as sections of the subject building. The portion of the property bordering the west side of Dequindre Street (railroad right-of-way) is operating as Armor Co.-East Side Warehouse. The building occupying this portion of the property is labeled as equipped with cutting rooms, cooker rooms, loading rooms, offices and a heating plant. The map indicates that ammonia was stored in the basement area of the building in this year. The portion of the property located to the west of Dequindre Street (railroad right-of-way) between Division Street and Adelaide Street (east of Orleans Street) operated as brewery known as H.W. Rickel and Company in 1950. Grain elevators, constructed in 1939 and 1949, occupy the eastern side of the property in this year. The malt mill, occupying the southern side of this portion of the property, is equipped with malt bins and refrigerated rooms. An auto garage is depicted on the northern side of this portion of the property. A company specializing in wholesale meats and wholesale butter and eggs occupied the southwest side of the property, on the northeast corner of Orleans Street and Adelaide Street, in 1950. One residential dwelling, addressed as 1822 Division Street, also occupies the property. The property is bordered by Alfred Street to the north, Orleans Street to the west, Adelaide Street to the south, and Dequindre Street (railroad right-of-way) to the east. The northeast section of the property is bordered by Alfred Street to the north, Division Street to the south and Dequindre Street to the west.

Residential dwellings are located to the north and to the east of the portion of the property occupying the east side of the property, to the east of Dequindre Street between Alfred Street and Division Street. A cigar factory bounds the southeast corner of this portion of the property. A brewery known as Detroit Malt and Grain Company is located to the south of the property on the

south side of Adelaide Street (east of the railroad right-of-way). The properties to the west of the property, along Orleans Street between Alfred Street and Adelaide Street, are occupied by a wholesale food company, a restaurant and baker supply store, a brewery, wholesale meat distributors, three retail stores and one residential dwelling. Breweries are depicted to the south of the property, on the south side of Adelaide Street, <which direction?>of Dequindre Street in this year. The 1950 Sanborn® map also depicts a brewery to the southwest of the property, on the southwest corner of Orleans Street and Adelaide Street.

#### 1988 and 1991

TTG's review of the Sanborn® maps dated 1988 and 1991 depicts the northeast corner of the portion of the property, east of Dequindre Street between Alfred Street and Division Street, as improved with an industrial building labeled as operating as King Frost Foods. The building occupying the portion of the property located to the west of Dequindre Street (railroad right-ofway) between Alfred Street and Division Street operated as Lamb Skin Company in 1988 and 1991. This building is labeled as "vacated" in the Sanborn<sup>®</sup> map dated 1991. The portion of the property bordering the west side of Dequindre Street (railroad right-of-way) is operating as Lamb Skin Co. The details written on the Sanborn® maps regarding this building are illegible. The portion of the property located to the west of Dequindre Street (railroad right-of-way) between Division Street and Adelaide Street (east of Orleans Street) operated as brewery known as H.W. Rickel and Company in 1988 and 1991. Grain elevators, constructed in 1939 and 1949, occupy the eastern side of the property in this year. The malt mill, occupying the southern side of this portion of the property, is equipped with malt bins and refrigerated rooms. An auto garage is depicted on the northern side of this portion of the property. A company specializing in wholesale meats and wholesale butter and eggs occupied the southwest side of the property, on the northeast corner of Orleans Street and Adelaide Street, in 1988 and 1991. The property is bordered by Alfred Street to the north, Orleans Street to the west, Adelaide Street to the south, and Dequindre Street (railroad right-of-way) to the east. The northeast section of the property is bordered by Alfred Street to the north, Division Street to the south and Dequindre Street (railroad right-of-way) to the west.

A Detroit Edison substation operates to the north of the northeast section of the property in these years. This substation is located on the north side of Alfred Street on the east side of Dequindre Street (railroad right-of-way). Vacant lots border the east side of this portion of the property in these years. A storage facility, a sausage factory and a rendering plant occupy the properties to the south of Adelaide Street (east of Dequindre Street) in these years. Whole meat distributors and a sausage factory operate on the properties to the west along Orleans Street in 1988 and 1991. The property to the south, on the south side of Adelaide Street and west of Dequindre Street (railroad right-of-way) was operating as a brewery known as H.W. Rickel and Company and as wholesale meat distributors.

The following RECs were identified regarding TTG's Sanborn® map review:

- Each of the Sanborn® maps reviewed depict a railroad right-of-way traversing along the eastern boundaries of the Former Thornapple Valley and the Orleans/Division Industrial Property (western property boundary for the area located on the east side of Dequindre Street between Alfred Street and Division Street). The presence of railroad tracks adjacent to the property is a REC.
- Coal storage took place on the portion of the property described as the Former Orleans/Division Industrial Properties. Coal storage operations on the subject property represent a REC.
- A carpet manufacturer once existed on the portion of the property described as the Former Thornapple Valley Parking property. This operation suggests the use of certain toxic substances such as isocyanates and isoprene. A dye house, that was most likely part of the carpet pad manufacturing process, was located adjacent to the southwest side of the Former Thornapple Valley Property. The processing of dyes involves toxic substances, therefore this dye house is considered a REC.
- A hide tanning company (Lamb Skin Co) operated within the building located on the south side of Alfred Street, east of Orleans Street, north of Division Street, on the west side of the railroad right-of-way (Dequindre Street) on the portion of the subject property

described as the Orleans/Division Industrial Property. A former hide tanning operation on the property represents a REC.

- A meat rendering plant existed to the south of the portion of the subject property defined as the Former Thornapple Valley Parking Property in the Sanborn<sup>®</sup> maps dated 1988 and 1991. Heavy metals and pesticides are typical contaminates common to rendering plants. Due to the close proximity of this site to the Former Thornapple Valley Parking property, this site is considered a REC.
- Sanborn® Maps reviewed dated 1921 and 1950 depict some of the detached garages associated with the residential structures located on and adjacent to the subject property as housing a fuel source. This suggests the possibility that fuel oil USTs and/or ASTs once existed on the property. The possibility of former heating oil tanks on the property is a REC.

# 6.1.2 Aerial Photographs

TTG obtained aerial photographs from the Southeast Michigan Council of Governments (SEMCOG) (dated 1949, 1952, 1956, 1961, 1981 and 1997, from Terraserver-usa.com<sup>®</sup> (dated 1999), from MapCard<sup>™</sup> (dated 2005) and from Google Earth<sup>™</sup> (dated 2007). Due to the scale and poor reproduction quality of some of the aerial photographs obtained from SEMCOG, TTG was not able to accurately discern small features (i.e., drums, exterior storage, staining, etc.) of the subject and adjoining properties.

#### Former Thornapple Valley Property

The aerial photographs dated 1949, 1952, 1956 and 1961 depict the property as improved. Due to the small scale of these aerials, specific features of the site were difficult to discern. To assist in the aerial photograph review, TTG referred to Sanborn® maps dated from the same time period. Structures depicted on the aerial photographs appear to fit the description of Sanborn® maps dated from the 1950's which depict the northwest side of the property as improved with residential dwellings. An industrial structure(s) occupies the remaining portions of the property. No apparent changes were found in these aerial photographs with the exception of the residential dwellings on the property's northwest side, which are visible on the aerial photographs dated

1949 and 1952. The area where these houses were once located is depicted as unimproved in the aerial photographs dated 1956 and 1961.

The aerial photograph dated 1981 depicts the subject property much like the previous years with the exception of a few small additions which were constructed to the original structure in 1973 and 1976. The aerial photographs dated 1997, 1999, 2005 and 2007 depict the property as improved with the industrial structure that currently occupies the subject property. Loading docks and paved and unpaved parking and driveway areas are apparent on the property's west and northwest sides.

Properties adjacent to the Former Thornapple Valley Property appear to be developed with residential and/or commercial structures, or are depicted as unimproved in each of the aerial photographs reviewed. The Detroit Edison sub-station, located on the north side of Alfred Street to the east of the Former Thornapple Valley Property and to the north of the Former Orleans/Division Industrial Properties, was constructed in 1956. This area is depicted as improved with residential homes in the aerial photographs dated 1949 and 1952. The property located to the west of the subject property is depicted as improved with residential homes in the aerial photographs dated 1949 and 1952. The aerial photographs dated 1981-2007 depict this property to the west as improved as a parking lot or as vacant lots. Each of the aerial photographs depicts the properties to the south of the Former Thornapple Valley Property as improved with commercial/industrial buildings or as vacant lots. The property to the north of the property is depicted as improved in each of the aerial photographs reviewed

# Former Thornapple Valley Parking Property

The aerial photographs dated 1949, 1952, 1956 and 1961 depict the property as improved with residential homes. The remaining aerial photographs, dated between 1981 and 2007, depict this property as either vacated or as utilized for parking purposes.

The Former Thornapple Valley Property is depicted to the east of the property in each of the aerial photographs reviewed. The property to the north of the property is depicted as improved with commercial/industrial buildings in the aerials photographs dated 1949-1981 and as vacant

lots in the aerial photographs dated between the years 1997 and 2007, inclusive. Properties to the west of the Former Thornapple Valley Parking Property are depicted as improved with residential dwellings, and/or vacant lots, in the aerial photographs dated between the years 1949 and 1956, inclusive. Properties to the south are depicted as improved with a mixture of residential structures and commercial warehouses in the aerial photographs dated 1949, 1952 and 1956. Commercial/industrial properties, and/or vacant lots, are located to the west and to the south of the property in the aerial photographs dated between 1961 and 2007, inclusive.

# Former Orleans/Division Industrial Properties

The aerial photographs dated 1949, 1952, 1956, 1961 and 1981 depict the Former Orleans/Division Industrial Properties as improved with industrial structures. According to Sanborn maps and historical city directories reviewed, H.W. Rickel Co, a malting company, operated on the south-southwest side of the property in these years; Armour & Company, a wholesale foods company, operated on the northwest side of the property; and Edgar's Sugar House, Inc., a sugar dealer, operated on the northeast side of the property in these years. The aerial photograph dated 1997 depicts the portion of the property located on the subject property's southwest side (Former Rickel Malt) as unimproved. The southern portion of the building occupying the northwest side of the property is depicted as removed. The aerial photograph dated 1999 depicts the northwest and northeast portions of the property as improved with industrial buildings. The warehouse structure that once occupied the southern side of the portion of the property located on the site's northeast side is depicted as removed. The aerial photographs dated 2005 and 2007 depict the northwest and southwest sides of the property as unimproved. An industrial building occupies the northwest side of the property in these years.

The industrial property that is described in this report as the Former Thornapple Valley Property is depicted to the north of the Former Orleans/Division Industrial Properties in each of the aerial photographs reviewed. Residential properties occupy the property to the north-northeast of the property in 1949. A sub-station for Detroit Edison is shown as occupying the property to the north-northeast in the aerial photographs dated between the years 1952 to 2007, inclusive. Commercial/industrial buildings are depicted to the east of the southwest side of the property in

each of the aerial photographs reviewed. Commercial/industrial buildings are located to the south and to the west of the Former Orleans/Division Industrial Properties in each of the aerial photographs reviewed.

# **6.1.3** City Directories

City directories are typically printed annually and contain a section that lists homeowners, businesses, and/or industries by sequential address for each street within a city or township. TTG reviewed city directories published by Bresser's and/or Polk at the Royal Oak Public Library, in Royal Oak Michigan for various years from 1921 through 2008.

**Table 9: City Directories-Subject Property** 

YEAR	ADDRESS AND OPERATION	
1927-1928	No listings on Wilkins Street	
	1900 Alfred Street-Edgar's Sugar House	
	1839 Division Street-Armour and Company (Wholesale Meats)	
	1923 Division Street-Munning AP and Company (Machinery)	
	1935 Division Street-Loose-Wiles Biscuit Company (Garage)	
	1807 Adelaide Street-E.W. Grobbell and Sons	
	1827 Adelaide Street-Julius Knack (Coal)	
	2602 Orleans Street-Newhall Market Co.	
	2614 Orleans Street-Garlock-Williams Company	
	No listings on Dequindre	
1937	1524-1558 Wilkins Street-Residential Listings	
	1572 Wilkins Street-C&P Garage (Private Garage)	
	1900 Alfred Street-Edgar's Sugar House	
	1910 Alfred Street-Grocery	
	1825 Division Street-Wholesale Meats	
	1525-1576 Brewster Street-Residential Dwellings	
	1840-1848 Brewster Street-Allen Industries (Factory)	
	1801-1807 Adelaide Street-Wholesale Meat Companies	
	1831 Adelaide Street-Pettway Mack Auto	
	2602 Orleans Street-Rosevale Packing	
	2614-18 Orleans Street-Houtekier (Wholesale Eggs)	
	2902 Orleans Street-Vacant	
	No listings on Dequindre Street	
1940	1524-1558 Wilkins Street-Residential Listings	
	1572 Wilkins Street-C&P Garage (Private Garage)	
	1900 Alfred Street-Edgar's Sugar House	
	1910 Alfred Street-Grocery	
	1825 Division Street-Wholesale Meats	
	1525-1576 Brewster Street-Residential Dwellings	
	1840-1848 Brewster Street-Allen Industries (Factory)	
	1801-1807 Adelaide Street-Wholesale Meat Companies	
	1831 Adelaide Street-Pettway Mack Auto	
	2602 Orleans Street-Rosevale Packing	
	2614 Orleans Street-Farrell (Butter, Cheese and Eggs)	

YEAR	ADDRESS AND OPERATION
	2618 Orleans Street-Eastern Provision (Whole Meats) No listings on Dequindre Street
1957	1524-1558 Wilkins Street-Residential 1572 Wilkins Street-C&P Garage (Auto Repair) 1900 Alfred Street-Edgar's Warehouse No. 2 (Storage) 1825 Division Street-Armour & Company (meat packers) No listings on Brewster Street 1807 Adelaide Street-Grobbel E.W. and Sons (Wholesale meats) 1825 Adelaide Street-H.W. Rickel (Malt Manufacturer) 2602 Orleans Street-Ed Barnes Provisions 2614 Orleans Street-EJ Farrell Co. (Wholesale Dairy Products) No listings on Dequindre Street
1965/1966	1524-1558 Wilkins Street-Residential Listings 1572 Wilkins Street-C&P Garage (Private Garage) (No listing in 1971-72) No listings on Alfred Street 1825 Division Street-Armour and Company (Wholesale Meats) 1525-1570 Brewster Street-Residential Dwellings 1807 Adelaide Street-E.W. Grobbel (Wholesale meats) 2602 Orleans Street-Ed Barnes Provisions 2614 Orleans Street-EJ Farrell Co. (Wholesale Dairy Products) 2900 Orleans Street-Crown Packing No listings on Dequindre Street
1970-1972	1524-1558 Wilkins Street-Residential Listings 1572 Wilkins Street-C&P Garage (Private Auto Garage) No listings on Alfred Street 1825 Division Street-Armour & Company (Wholesale Meats) No listings on Brewster Street 1807 Adelaide Street-E.W. Grobbel (Wholesale meats) 2602 Orleans Street-Ed Barnes Provisions 2614 Orleans Street-Alan Packing 2618 Orleans Street-Peppers Packing 2900 Orleans Street-Crown Packing No listings on Dequindre Street
1976-1977	No listings on Wilkins Street 1825 Division Street-Armour & Company (Wholesale meats) 1900 Alfred Street-King Frost Foods/Loop Warehouse No listings on Brewster Street 1807 Adelaide Street-EW Grobbel & Sons (Wholesale meats) 2602 Orleans Street-Ed Barnes Provisions 2614 Orleans Street-Alan Packing 2618 Orleans Street-McMahon's Whole Meats 2900 Orleans Street-Crown Packing No listings on Dequindre

YEAR	ADDRESS AND OPERATION
1979	No listings on Wilkins Street No listings on Division Street 1900 Alfred Street-King Frost Foods Distribution/Loop Warehouse No listings on Brewster Street 1807 Adelaide Street-E.W. Grobbel Sons 2618 Orleans Street-Mcmahon Wholesale Meats 2900 Orleans Street-Crown Packing No listings on Dequindre Street
1984	No listings on Wilkins Street No listings on Division Street 1830 Alfred Street-Lambskin Co. (82) 1900 Alfred Street-King Frost Foods Distribution/Loop Warehouse No listings on Brewster Street No listings on Adelaide Street 2900 Orleans Street-Michigan Meat Processors No listings on Dequindre Street
1989	No listings on Wilkins Street No listings on Division Street 1830 Alfred Street-Lambskin Co. (82) No listings on Brewster Street No listings on Adelaide Street 2900 Orleans Street-ABI of Michigan No listings on Dequindre Street
1994	No listings on Wilkins Street No listings on Division Street 1830 Alfred Street-Lambskin Co. (82) No listings on Brewster Street No listings on Adelaide Street No listings on Orleans Street No listings on Dequindre Street
2002-2003	No listings on Wilkins Street No listings on Division Street 1830 Alfred Street-Barry and Sons Two No listings on Brewster Street No listings on Adelaide Street No listings on Orleans Street No listings on Dequindre Street
2007-2009	No listings on Wilkins Street No listings on Alfred Street No listings on Division Street No listings on Brewster Street No listings on Adelaide Street No listings on Orleans Street No listings on Dequindre Street

**Table 10: City Directories-Adjoining Properties** 

YEAR	ADDRESS AND OPERATION
1927-1928	No adjacent sites listed on Wilkins Street No adjacent sites listed on Alfred Street
	No adjacent sites listed on Division Street
	1903 Adelaide Street-Schmeke (Wholesale Meats)
	1902 Brewster Street-Vacant
	1903 Brewster Street-Benson Scrap Iron and Metal
	1923 Brewster Street-Residential
	2536 Orleans Street-Detroit Beverage Company
	2601 Orleans Street-Taube Beef
	2602 Orleans Street-Newhall Market Co. (Commercial Merchants)
	2615, 2619 Orleans Street-Residential
	2628 Orleans Street-Browne and Erzinger Poultry
	2629-2645 Orleans Street-Residential
	2647 Orleans Street-United Holy Church
	2702-2738 Orleans Street
	2740 Orleans Street-Bieke Bros. Grocery
	2802-2938Orleans Street-Residential
	2939 Orleans Street-Cislaghi, Joseph (Soft drinks)
1025	No adjacent sites listed on Dequindre Street
1937	1502-1518 Wilkins Street-Residential Listings
	1801 Alfred Street-Residential 1825-1839 Alfred Street-Residential
	1825-1839 Alfred Street-Residential
	1908 Division Street-Malt and Grain Manufacturer
	1930 Division Street-Meat packing company
	1948 Division Street-Wholesale meat distributor
	1824 Adelaide Street-Malt manufacturer
	1900 Adelaide Street-Wholesale meat distributor
	1903 Adelaide Street-Wholesale meat distributor
	2536 Orleans Street-Detroit Brewing
	2602 Orleans Street-Rosevale Packing
	2630-2628 Orleans Street-Keys JW (Poultry)
	2638 Orleans Street-Residential
	2644 Orleans Street-Residential
	2700 Orleans Street-Mann AC & Co. (Poultry)
	2712-2939 Orleans Street-Residential and/or Vacant
10.10	No adjacent sites listed on Dequindre Street
1940	1502-1518 Wilkins Street-Residential Listings
	1801 Alfred Street-Residential 1825-1839 Alfred Street-Residential
	1911 Alfred Street-Residential
	1908 Division Street-Malt and Grain Manufacturer
	1930 Division Street-Meat packing company
	1948 Division Street-Wholesale meat distributor
	1824 Adelaide Street-Malt manufacturer
	1900 Adelaide Street-Wholesale meat distributor
	1903 Adelaide Street-Wholesale meat distributor
	2536 Orleans Street-Detroit Brewing
	2602 Orleans Street-Rosevale Packing
	2630-2628 Orleans Street-Keys JW (Poultry)
	2638 Orleans Street-Residential
	2644 Orleans Street-Residential

YEAR	ADDRESS AND OPERATION
	2700 Orleans Street-Mann AC & Co. (Poultry) 2712-2939 Orleans Street-Residential and/or Vacant No adjacent sites listed on Dequindre Street
1957	1502-1518 Wilkins Street-Residential 1900 Wilkins Street-Kaufmans Home Style Food Products (Pickle manufacturers) 1901 Alfred Street-Patti Pak Steak 1930 Division Street-Glendale Provision 1941 & 1947 Division Street-Residential 1948 Division Street-Wengel, Inc. (Meat packing) 1824 Adelaide Street-H.W. Rickel (Malt manufacturer) 2630 Orleans Street-Kamman Whole Meats 2638-44 Orleans Street-Tony's Bar and Grill 2700 Orleans Street-Huber Provision 2720 Orleans Street-Quality Packing Whole Meats 2730 Orleans Street-Great Western Provision 2740 Orleans Street-Strauss Brothers 2810 Orleans Street-Katz Provision (Whole Meats) 2814 Orleans Street-Harris Whole Meats No adjacent sites listed on Dequindre Street
1965-1966	1518 Wilkins Street-Residential Listing No adjacent sites listed on Alfred Street 1930 Division Street-Glendale Provision 1948 Division Street-Wengel, Inc. (Meat packing) 1824 Adelaide Street-H.W. Rickel (Malt Manufacturer) 2602 Orleans Street-Barnes and Smeckers (Wholesale Meats) 2608 Orleans Street-Alan Packing 2630 Orleans Street-Kamman (Whole Meats) 2638-2644 Orleans Street-Tonys Bar and Grill 2700 Orleans Street-Huber Provision 2720 Orleans Street-Hillsdale Packing (64) 2730 Orleans Street-Great Western Provision 2740 Orleans Street-Strauss Brothers 2810 Orleans Street-Katz Provision 2814 Orleans Street-Harris Meats 2816 Orleans Street-General Boneless Beef No adjacent sites listed on Dequindre Street
1970-1973	1518 Wilkins Street-Residential listing No adjacent sites listed on Alfred Street 1930 Division Street-Glendale Provision 1948 Division Street-Wengel, Inc. (Meat packing) 1824 Adelaide Street-Rickel (Malt Manufacturer) 2602 Orleans Street-Barnes and Smeckers (Wholesale Meats) 2608 Orleans Street-Alan Packing 2630 Orleans Street-Kamman (Whole Meats) 2638-2644 Orleans Street-Tonys Bar and Grill 2700 Orleans Street-Huber Provision 2720 Orleans Street-Quality Packing 2730 Orleans Street-Great Western Provision 2740 Orleans Street-Strauss Brothers 2810 Orleans Street-Harris Meats 2816 Orleans Street-General Boneless Beef

YEAR	ADDRESS AND OPERATION
	No adjacent sites listed on Dequindre Street
1976-1977	No adjacent sites listed on Wilkins Street
1570 1577	No adjacent sites listed on Alfred Street
	1930 Division Street-Glendale Provision
	1824 Adelaide Street-H.W. Rickel (Malt Manufacturer)
	2638 Orleans Street-Meat Cutters Inn (76)
	2720 Orleans Street-Hillsdale Packing (69)
	2730 Orleans Street-Family Packing Company 2740 Orleans Street-Strauss Brothers
	2810 Orleans Street-HRI Shaub
	2814 Orleans Street-Harris Meats
	2816 Orleans Street-General Boneless Beef
	No adjacent sites listed on Dequindre Street
1979	No adjacent sites listed on Wilkins Street
	No adjacent sites listed on Alfred Street
	1930 Division Street-Glendale Provision
	1901 Brewster Street-Hamilton Fish Co.
	1824 Adelaide Street-H.W. Rickel (Malt Manufacturer) 2630 Orleans Street-Standard Boneless Beef
	2638 Orleans Street-Meat Cutters Inn (76)
	2720 Orleans Street-Hillsdale Packing (69)
	2730 Orleans Street-Family Packing Company
	2740 Orleans Street-Strauss Brothers
	2810 Orleans Street-HRI Shaub
	2814 Orleans Street-Saad Wholesale Meat (79)
	2816 Orleans Street-General Boneless Beef No adjacent sites listed on Dequindre Street
1984	No adjacent sites listed on Wilkins Street
1904	No adjacent sites listed on Alfred Street
	1901 Brewster Street-Hamilton Fish Co.
	1801 Division Street-Greenbriar Foods (76)
	1930 Division Street-No Listing
	1948 Division Street-Glendale Foods
	1824 Adelaide Street-H.W. Rickel (Malt Manufacturer)
	2628 Orleans Street-Midwest Beef (83) 2638 Orleans Street-Meat Cutters Inn (76)
	2720 Orleans Street-Hillsdale Packing (69)
	2730 Orleans Street-Family Packing Company
	2740 Orleans Street-Strauss Brothers
	2814 Orleans Street-Saad Wholesale Meat (79)
	2816 Orleans Street-General Boneless Beef
4600	No adjacent sites listed on Dequindre Street
1989	No adjacent sites listed on Wilkins Street
	No adjacent sites listed on Alfred Street 1901 Brewster Street-Hamilton Fish Co.
	1801 Division Street-Greenbriar Foods (76)
	1930 Division Street-R&B Sales (85)
	1824 Adelaide Street-H.W. Rickel (Malt Manufacturer)
	2628 Orleans Street-Midwest Beef (83)
	2630 Orleans Street-Tocco Produce

YEAR	ADDRESS AND OPERATION
	2638 Orleans Street-Meat Cutters Inn (76)
	2720 Orleans Street-Hillsdale Packing (69)
	2730 Orleans Street-Family Packing Company
	2740 Orleans Street-Strauss Brothers
	2814 Orleans Street-Saad Wholesale Meat (79)
	No adjacent sites listed on Dequindre Street
1994	1903 Wilkins Street-Michigan Repacking and Produce
1994	No adjacent sites listed on Alfred Street
	1901 Brewster Street-Hamilton Fish Co.
	1801 Division Street-Greenbriar Foods (76)
	1816 Division Street-Byrds Supreme Quality Meats
	1930 Division Street-R&B Sales (85)
	No adjacent sites listed on Adelaide Street
	2628 Orleans Street-Midwest Beef (83)
	2638 Orleans Street-Meat Cutters Inn (76) 2720 Orleans Street-Hillsdale Packing (69)
	2740 Orleans Street-Hinsdale Facking (09) 2740 Orleans Street-Strauss Brothers
	2814 Orleans Street-Saad Wholesale Meat (79)
	No adjacent sites listed on Dequindre Street
	1903 Wilkins Street-Michigan Repacking and Produce
2002-2003	No adjacent sites listed on Alfred Street
	1801 Division Street-Greenbriar Foods (76)
	1816 Division Street-Byrds Supreme Quality Meats
	1930 Division Street-R&B Sales (85)
	No adjacent sites listed on Adelaide Street
	2628 Orleans Street-Midwest Beef
	2638 Orleans Street-Meat Cutters Inn
	2730 Orleans Street-Mr. Basterma (Wholesale Sausage)
	2740 Orleans Street-Strauss Bros. Co
	2814 Orleans Street-Saad Wholesale Meat
	2814 Orleans Street-Saad Wholesale Meat (79)
2007-2009	1903 Wilkins Street-Detroit Edison Public Schools (DEPS)
	No adjacent sites listed on Alfred Street
	1801 Division Street-Greenbriar Foods (76)
	1930 Division Street-R&B Sales, Lumetta Distribution, L.L.C. (85)
	No adjacent sites listed on Brewster Street
	No adjacent sites listed on Adelaide Street
	2628 Orleans Street-Midwest Beef 2638 Orleans Street-Cutters Bar and Grill
	2720 Orleans Street-Saad Wholesale Meats 2730 Orleans Street-Mr. Basterma
	2740 Orleans Street-Wir. Basterina 2740 Orleans Street-Unique Foods
	2814 Orleans Street-Saad Wholesale Meat (79)
	No adjacent sites listed on Dequindre Street
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RECs related to the city directory research include the service repair garage, scrap metal yards, coal storage yards, carpet pad manufactures, meat packing operations, slaughterhouse operations, rendering plants and tanning operations taking place on and adjacent to the subject property.

# **6.1.4** Previous Environmental Investigations

TTG was not provided with previous environmental investigations associated with the subject property other than the initial emergency response activities that took place on the property by the EPA regarding the PCB spill that occurred in August of 2008. Please refer to Section 5.2.5 for further discussion.

# 6.2 Historical Use Information on the Adjoining Properties

Based on a review of historic information described herein, the history of the adjoining properties is generally described as follows:

The majority of the properties surrounding the Former Thornapple Valley Property were developed with residential structures from the late 1800's to the early 1920's. Wood and coal storage buildings existed to the south of the property in 1897. The Department of Public Works-Eastern Yard occupied the property to the north from the 1920's to the mid 1990's. Residential properties, vacant lots, and/or parking areas have existed on the properties to the west from the late 1800's to the present. A sugar warehouse, meat packing companies, a slaughter house and a tannery operated within the buildings located to the south of the property from the 1920's to the early 2000's. A railroad right-of-way (railroad tracks) has bounded the property's east side since the 1800's. Residential properties occupied the property to the east beyond the railroad track in the late 1800's. Scrap iron yards and a bottling company operated on these properties to the east from the 1920's to the 1950's. A sub station for Detroit Edison operated on the property to the east of the Former Thornapple Valley Property (east Dequindre Street on the north side of Alfred Street) from the 1950's to the present. Meat rendering plants, warehouses, meat packing companies, and sausage factories operated on the properties to the east between Alfred Street and Adelaide Street from the 1920's to the present.

# 7.0 SITE RECONNAISSANCE

An unaccompanied reconnaissance of the subject property was conducted by Ms. Dawn R. Winther (Project Manager) and Mr. Haydel LeCesne (Environmental Consultant) with TTG on March 19, 2009. The purpose for the property reconnaissance was to visually identify conditions both on and off the subject property that may pose an environmental risk to the subject property. Photographs of the subject and adjoining properties are presented in **Appendix B** and general property features are presented on **Figure 3**.

# 7.1 Methodology and Limiting Conditions

The subject property reconnaissance activities consisted of a site walk-through of the properties in order to inspect visual conditions of the subject and adjoining properties. Dense vegetation, miscellaneous debris, collapsed building areas, and vehicles parked in various areas throughout the property limited the visual inspection of all of the ground area of the subject property.

# 7.2 General Site Setting

The subject property is divided into three areas:

- The section described as the Former Thornapple Valley Property on the "Phase I Candidates for Brownfield Redevelopment" map (included as Figure #3 in the Figures Section of this report), is located to the south of Wilkins Street, north of Alfred Street, east of Orleans Street and west of Dequindre Street (railroad right-of-way).
- The section of the subject property described as the Former Thornapple Valley Parking Property, on Phase I Candidates for Brownfield Redevelopment" map (included as Figure #3 in the Figures Section of this report), is located to the south side of Wilkins Street, west of Orleans Street, north of Alfred Street and east of Riopelle Street.
- The section of the subject property described as the Former Orleans/Division Industrial Properties is located south of Alfred Street, east of Orleans Street, north of Adelaide Street and west of St. Aubin Street.

The legal descriptions for the subject property are included in **Appendix A** of this report.

# 7.3 Observations

All portions of the subject property were unimproved at the time of the site reconnaissance, except as described in this section.

# 7.3.1 Solid Waste Dumping, Landfills, or Suspect Fill Material

Evidence of solid waste dumping was observed in the form of trash common to vacant properties. The visual inspection of the grounds of the property was limited due to dense vegetation, collapsed building areas, and the visual inspection of the interior building areas was limited by lack of lighting and building security issues. Heavy debris in the form of both construction debris and common trash (i.e. tires, furniture, appliances, wood debris, metal debris, drums, buckets, spray paint cans, 5-gallon plastic buckets, concrete, bricks, etc.) was observed during the site reconnaissances.

#### **7.3.2** Stressed Vegetation

Stressed vegetation was not observed during the site reconnaissance, however it should be noted that the majority of the vegetation on site was dormant due to the winter season.

#### 7.3.3 Stained Soil or Pavement

Limited staining was observed in various locations throughout the property. Please note that TTG's visual observations of the subject property for stained soil or pavement were limited in certain areas due to dense vegetation, collapsed building areas, and heavy debris in the form of both construction debris and dumping.

# 7.3.4 Septic or Sewage Discharge Sources

Although visual access to the lower basement levels was inhibited by limited lighting and security issues, TTG did not observe septic or sewerage discharge sources on the subject property, which is serviced by municipal water and sewerage services.

# 7.3.5 Storage Tanks

A frac tank was observed on the northwest side of the property described as the Former Thornapple Valley Property. Observations from the top of the tank revealed a small amount of liquid in the tank. A faint petroleum odor was noted.

A large Above Ground Storage Tank (AST) was observed in the basement area of the building located on the Former Thornapple Valley Property. Visual observations of this tank were limited due to poor lighting and building security issues. Flash photographs were taken of the tank. Computer enhancements of the photographs revealed that this tank was constructed of steel stored off of the basement's concrete floor on a metal rack. No records were found during TTG's governmental or historical record searches that revealed the use, size, contents, or origin of this tank. This AST is a REC.

# 7.3.6 Pools of Liquid or Standing Water

TTG observed significant standing water in the loading dock area located on the Former Thornapple Valley Property.

#### 7.3.7 Pits, Ponds, or Lagoons

Pits were observed on the northwest side of the Former Thornapple Valley Property. A slaughter house once operated on this portion of the property and it is possible that these pits are related to the waste water discharge from the food processing operations. These vault areas were observed near the truck dock area on the northwest side of the former Thornapple Valley Property building. At the time of the site reconnaissance, these vaults were filled with water and debris. These vaults are a REC.

# **7.3.8** Wells

TTG did not observe process or drinking water wells or monitoring wells on the subject property. The subject property is serviced by municipal water and sewerage service.

# 7.3.9 Wastewater Discharge Permits

TTG did not identify waste water discharge permits for the subject property. Additionally, TTG did not observe waste water discharges on the subject property or the adjoining properties during the reconnaissance. All areas of the subject property were either vacant, or were improved with non-operational structures.

#### 7.3.10 Pesticides and Herbicides

TTG did not observe pesticide and herbicide storage on the subject property during the reconnaissance. The buildings occupying the subject property were vacant and were not used for any obvious purposes at the time of the site reconnaissance.

#### 7.3.11 Waste Generation

TTG did not observe waste generation on the subject property during the reconnaissance, except for general scattered refuse common to unoccupied properties. The structures currently occupying the subject property are not operational.

# 7.3.12 Hazardous Substances

TTG observed small quantities (i.e., one to five gallon sized containers, aerosol cans, and quart-sized containers) of abandoned janitorial cleaning supplies, painting supplies and maintenance supplies in the subject buildings and scattered in various areas throughout the subject property.

Due to security and lighting issues, the interior of the subject buildings was limited. Further, the inaccessible areas of the subject buildings represent RECs for the subject property.

#### **7.3.13 Petroleum Products**

The online MDEQ Brownfields-UST database lists the Former Thornapple Valley Property as a Brownfield site. The property is listed with the address of 2900 Orleans Street. This listing suggests the release has occurred on the site. The listing of the property within the MDEQ-Brownfields-UST database is a REC.

A release was reported, and observed on the southeast side of the portion of the property defined as the Thornapple Valley Property. This release was a result of a release of PCB containing material that was stored in a large vat within the building. This release is also discussed in Section 5.1.3, 5.2.5 and 7.3.15 of this report.

A frac tank was observed on the northwest side of the portion of the property described as the Former Thornapple Valley Property. Visual observation made from the top of the tank revealed a small amount of liquid in the tank. A slight petroleum odor was also noted.

# 7.3.14 Polychlorinated Biphenyls

During the site reconnaissance, pole-mounted transformers, owned and serviced by DTE Energy, were observed to the west of the subject property. No information with regard to PCB content of the transformer fluids was observed. Transformers contain mineral oil which may contain minor amounts of PCB and could be considered "PCB contaminated" (PCB content of 50-500 ppm). DTE Energy maintains responsibility for the transformers, and if the transformers were "PCB contaminated," the utility company is not required to replace the transformer fluids until a release is identified. However, no evidence of current or prior releases was observed in the vicinity of the electrical equipment during the site inspection. Based on this information, the on-site electrical equipment does not appear to present an environmental concern to the site at this time.

A release was reported, and observed on the southeast side of the portion of the property defined as the Thornapple Valley Property. This release was a result of a release of PCB containing material that was stored in a large vat within the building. This release is also discussed in Section 5.1.3, 5.2.5 and 7.3.15 of this report.

#### 7.3.15 Unusual Odors

No unusual odors were observed on the subject property during the site reconnaissance. With the exception of the slight petroleum odor noted regarding the frac tank that was located on the northwest side of the Former Thornapple Valley Property at the time of the site reconnaissance.

# 7.3.16 Drains or Sumps

TTG did not observe sumps on the subject property during the reconnaissance; however visual access to the lower basement level was inhibited by limited lighting and building security issues.

#### 7.3.17 Interior Stains or Corrosion

De minimus stains were noted on the concrete floor within the accessible areas of the subject buildings. Due to security issues, limited lighting, and debris covering the floor areas, visual inspections for stains and/or corrosion were not possible. Inaccessible areas represent RECs for the subject property.

#### 7.4 Non-CERCLA Considerations

TTG did not evaluate other potential environmental conditions (i.e., further areas of possible environmental concern and/or liability) that are outside the scope of ASTM Standard Practice E 1527-05. Examples of such conditions include cultural and historic resources, ecological resources, endangered species, health and safety, high-voltage power lines, ambient air quality, noise pollution, asbestos-containing materials, mold, lead-based paint, and radon. TTG advises users of this assessment who wish to obtain an evaluation of the subject property relative to the aforementioned issues to engage the services of a qualified environmental professional.

#### 8.0 INTERVIEWS

The following sections describe the interviews that were performed in completing this report.

# 8.1 Interview with Subject Property Owner and Manager

Due to a data failure, TTG was not able to contact all of the current, or any of the previous owners of the subject property to conduct interviews regarding possible historical chemical storage, usage, or other environmental concerns at the subject property. Mr. Frederick Rottach of the City of Detroit Department of Planning and Development Department, the current owner of the properties addressed as 1576 Brewster Street, 2901 Orleans Street and 1923 Division Street, was interviewed. Mr. Rottach indicated that he was not aware of any environmental liens or activity use limitations (AULs) against the subject property, nor does he possess specialized

knowledge of the chemicals and/or processes associated with the subject property's historical usage.

#### 8.1.5 Interview with the Client

TTG interviewed Mr. William Hischke of the City of Detroit Department of Environmental Affairs (DEA). DEA is the Client who is performing assessment activities for the subject property in association with an EPA Brownfield Grant. Mr. Hischke indicated that he was not aware of any environmental liens or activity use limitations (AULs) against the subject property, nor does he possess specialized knowledge of the chemicals and/or processes associated with the subject property's historical usage. Mr. Hischke was aware of the PCB release that occurred in August of 2008 on the Former Thornapple Valley Property.

# 8.2 Interview with Subject Property Occupant

No occupied or operational structures currently occupy the subject property, therefore, no interview with an occupant of the subject property was conducted.

# 8.3 Interview with Future Subject Property User

TTG interviewed William Hischke of the City of Detroit DEA. The City of Detroit DEA is facilitating the future use of the subject property through an EPA Brownfield grant. Mr. Hischke is a representative of the City of Detroit DEA. The intent is for the subject property to be developed as part of the Brownfield redevelopment for the Eastern Market area. No specific future uses were identified by Mr. Hischke.

#### 8.4 Interviews with Local Government Officials

TTG did not conduct interviews with local government officials for this assessment, except as previously indicated via FOIA documentation. TTG obtained information from local government agencies regarding the subject property via FOIA requests with regulatory agencies and city departments as described herein.

#### 8.5 Interviews with Others

TTG did not conduct other interviews during this assessment.

# 9.0 FINDINGS

# 9.1 Recognized Environmental Conditions

# 9.1.1 On-Site Recognized Environmental Conditions

#### Former Thornapple Valley Property

- The FirstSearch<sup>™</sup> report lists the Thorn Apple Valley-Orleans site as a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) site. CERCLIS sites are confirmed and potential hazardous waste sites which the EPA Superfund program has some involvement. This database includes sites that are on the National Priority List (NPL) as well as sites that are in the screening phase for possible inclusion on the NPL. The Thorn Apple Valley-Orleans site is the portion of the subject property described as the Former Thornapple Valley Property. The listing of the subject property as a CERCLIS site is a REC.
- The FirstSearch<sup>™</sup> report lists the Thorn Apple Valley Inc. site as an ERNs site. A spill of approximately 500 gallons of transformer oil occurred on the subject property on July 2, 1991. The spill is reportedly a result of vandalism. The material flowed into a sump area. A contractor vacuumed the material and then used sorbent pads to address the spill. The listing of this site as an ERN site is a REC.
- The online MDEQ Brownfields-UST database lists the Former Thornapple Valley Property as a Brownfield site. This listing suggests a release has occurred on the site. The listing of the property within the MDEQ-Brownfields-UST database is a REC.
- Thornapple Valley and Crown Packing operated as slaughterhouses on the subject property
  from the 1930's to the mid 1990's. Hazardous materials such as sanitizers, caustics and soaps
  are utilized in slaughterhouse operations, therefore these former slaughterhouse operations
  are considered RECs.
- Staining of the subject building wall and soils directly adjacent to the building wall along the southeastern side of the Former Thornapple Valley building was observed at the time of the site reconnaissance. According to fire department records, a spill of Polychlorinated

Biphenyls (PCB's) occurred at 2902 Orleans Street on August 8, 2008. Apparently, a spill of PCB containing material leaked from a large vat located within the building. The material migrated from the building to the adjoining railroad right-of-way to the east. The spill traveled for approximately ¼ mile along the former railroad right-of-way. Information obtained from the Environmental Protection Agency (EPA) website states that emergency response activities regarding this PCB release included excavation and stockpiling of heavily saturated soils, the use of absorbent rolls/booms to soak and block pools of oil, and the installation of Polysheeting to prevent direct contact and rain infiltration. Information obtained from the EPA website indicated that the PCB tank has been drained, and that the stockpiled soils resulting from the initial response activities have been removed from the site. Kamau Marable, Mayor's Office Cleanup of the site and corresponding closure of the release has not been completed therefore the PCB release at this site is a REC.

- EPA records list that ammonia tanks, fuel oil and abandoned drums were reported as located within the facility in August of 2008. The listing of these abandoned containers is also a REC.
- A carpet manufacturer formerly operated on the portion of the property described as the Former Thornapple Valley Property. This operation suggests the use of certain hazardous materials such as isocyanates and isoprene.
- TTG reviewed the records on file at the fire department dated 1984 indicates that 4,000-20,000 lb tanks utilized for the storage of ammonia were located in the basement of the Former Thornapple Valley building. The disposition of these tanks is unknown, therefore this constitutes a REC for this site. Limited lighting and building security issues limited the visual inspection of the interior of the structures on site.
- A large Above Ground Storage Tank (AST) was observed in the basement area of the building. Visual observations of this tank were limited due to poor lighting and building security issues. Flash photographs were taken of the tank. Computer enhancements of the photographs revealed that this tank was constructed of steel stored off of the basement's concrete floor on a metal rack. No records were found during TTG's governmental or

historical record searches that revealed the use, size, contents, or origin of this tank. This AST is a REC.

- Pits were observed on the northwest side of the property. A slaughter house once operated on this portion of the property and it is possible that these pits are related to the waste water discharge from the food processing operations. These vault areas were observed near the truck dock area on the northwest side of the former Thornapple Valley Property building. At the time of the site reconnaissance, these vaults were filled with water and debris. These vaults are a REC.
- Due to security and lighting issues, the interior of the subject buildings was limited. Further, the inaccessible areas of the subject buildings represent RECs for the subject property.
- Sanborn<sup>®</sup> Maps reviewed dated 1897, 1921 and 1950 depict some of the detached garages associated with the residential structures located on the Former Thornapple Valley Property portion of the subject property as housing a fuel source. This suggests the potential that fuel oil USTs and/or ASTs once existed on the property. The potential of former heating oil tanks on the property is a REC.

# Former Thornapple Valley Parking Property

- Sanborn maps and city directories reviewed list C&P Garage as operating on the property from the 1930's through the 1960's. C&P Garage is listed as both a private storage garage as well as a auto repair facility. The listing of C&P Garage on the property is a REC.
- Sanborn<sup>®</sup> Maps reviewed dated 1897, 1921 and 1950 depict some of the detached garages associated with the residential structures located on the Former Thornapple Valley Parking Property portion of the subject property as housing a fuel source. This suggests the potential that fuel oil USTs and/or ASTs once existed on the property. The potential of former heating oil tanks on the property is a REC.

# Former Orleans/Division Industrial Properties

- Sanborn maps dated 1897 and 1921 depict coal storage yards on the portion of the property described as the Former Orleans/Division Industrial Properties. Coal storage operations on the subject property represent RECs.
- Sanborn maps and city directories reviewed list industrial facilities operating on the property from the 1920's to the early 2000's. These companies are listed as, but not limited to the following: Edgar's Sugar House, Armour and Co (wholesale meats), Alan Packing (meat packing), McMahon's Wholesale Meats, Lambskin Co. (tannery), Barry and Son's Two (Slaughterhouse). These former industrial operations represent RECs.
- According to fire department records dated 1987, two 15,000 gallon USTs utilized to store
  machine oil occupied the portion of the property possessing the common street address of
  1837 Adelaide Street. This portion of the subject property is located on the north side of
  Adelaide Street, east of Orleans Street. The listing of these USTs is a REC.
- Due to security and lighting issues, the interior of the subject buildings was limited. Further, the inaccessible areas of the subject buildings represent RECs for the subject property.
- Sanborn<sup>®</sup> Maps reviewed dated 1897 and 1921 depict some of the detached garages associated with the residential structures located on the Former Orleans/Division Industrial Properties portion of the subject property as housing a fuel source. This suggests the potential that fuel oil USTs and/or ASTs once existed on the property. The potential of former heating oil tanks on the property is a REC.

# 9.1.2 Off-Site RECs

• According to the FirstSearch<sup>™</sup> report, a spill of oil from a portable transformer occurred on the property located to the north of the Former Orleans/Division Industrial Properties and to the east of the Former Thornapple Valley Property. This spill, which is listed as resulting from equipment failure, occurred at the Detroit Edison Property (1955 Alfred Street). Due to the close proximity of this site in relation to the subject property, and due to the lack of

documentation detailing necessary clean up activities, the listing of this site as an ERNS site is considered a REC.

- A meat rendering plant existed to the south of the portion of the subject property defined as the Former Thornapple Valley Parking Property in the Sanborn® maps dated 1988 and 1991. Heavy metals and pesticides are typical contaminates common to rendering plants. Due to the close proximity of this site to the Former Thornapple Valley Parking property, this site is considered a REC.
- Each of the Sanborn® maps reviewed depict a railroad right-of-way traversing along the eastern boundaries of the Former Thornapple Valley and the Orleans/Division Industrial Property (western property boundary for the area located on the east side of Dequindre Street between Alfred Street and Division Street). The presence of railroad tracks on the adjacent property is a REC.
- Sanborn<sup>®</sup> Maps reviewed dated 1897, 1921 and 1950 depict some of the detached garages associated with the residential structures on properties adjacent to the subject property as housing a fuel source. This suggests the potential that fuel oil USTs and/or ASTs once existed on these properties. The potential of former heating oil tanks on adjoining properties is a REC.
- A dye house, that was most likely part of the carpet pad manufacturing process that formerly
  operated within the Former Thornapple Valley building, was located adjacent to the
  southwest side of the Former Thornapple Valley Property. Dyes and pigments may contain
  metals and PCBs, therefore this former dye house is considered a REC.

# 9.2 Potential Areas of Concern (PAOC)

The following potential areas of concern (PAOCs) were identified for the subject property during this assessment:

 Suspect Asbestos-Containing Materials (ACMs) were observed throughout the accessible or viewable areas of the interior of the subject buildings and therefore represent a PAOC for the subject property. An asbestos survey will be required by a licensed asbestos inspector prior to any renovation or demolition activities.

- TTG observed small quantities (i.e., five gallon sized containers, aerosol cans, and quart-sized containers) of unlabeled, abandoned janitorial cleaning supplies, as well as painting supplies, on the grounds of the subject property and in the interior areas of the buildings visually inspected. The presence of these materials inside the subject buildings represents a PAOC.
- Mercury lighting components and fluorescent lighting components were observed throughout the viewable areas of the interior of the subject buildings. Fluorescent light ballasts manufactured prior to 1979 may contain small quantities of polychlorinated biphenyls (PCBs). The light ballasts were not examined for labels identifying their PCB-content. Because the subject buildings were initially constructed in 1929 [circa], the ballasts may contain PCBs. These ballasts represent a PAOC.
- Sanborn® maps dated 1921 and 1950 depict barrels of nitrogen stored within the building once located on the northeast side of the Orleans/Division Industrial Property (Former Armour and Company. Nitrogen storage on the property represents a REC only if barrels of nitrogen currently exist within the structure. These barrels of nitrogen, if present, will need to be disposed of properly. (Limited lighting and building security issues limited the visual inspection of the interior of the structures on site.)

# 10.0 OPINION

In the professional opinion of TTG, all appropriate inquiry has been made into the previous ownership and uses of the property consistent with good commercial and customary practice in an effort to minimize liability.

# 11.0 CONCLUSIONS

TTG has performed a Phase I Environmental Site Assessment (ESA) for the City of Detroit Department of Environmental Affairs as part of a Brownfield Site Assessment grant from the Environmental Protection Agency (EPA). The Phase I ESAs were performed for the following properties located in the Eastern Market area of Detroit Michigan:

- The property possessing the addresses of 2900 Orleans Street and 2902 Orleans Street described herein as the Former Thornapple Valley Property;
- The property possessing the addresses of 1600 Wilkins Street, 1576 Brewster Street and 2901 Orleans Street described herein as the Former Thornapple Valley Parking Property; and
- The property described herein as the Former Orleans/Division Industrial Properties possessing the common street addresses of 1825 Division Street, 1807 Adelaide Street and 1811 Adelaide Street.

This Phase I ESA included a reconnaissance visit to the subject property, a review of the listed available environmental databases and related agency information for the subject property and surrounding properties, interviews, prior usage records, aerial photographs, published geologic information, and other related items. This information was used to evaluate existing or potential environmental impairment of the subject property due to current or past land use disclosed by this assessment.

# 12.0 DEVIATIONS

Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report. TTG did not deviate from the scope of work developed for this assessment.

#### 13.0 ADDITIONAL SERVICES

TTG did not perform additional services in addition to the Phase I ESA.

# 14.0 RECOMMENDATIONS

In order to define the nature, extent, magnitude, or materiality of the on-site and/or off-site RECs identified in this Phase I ESA report, a limited subsurface investigation (i.e., soil and/or groundwater sampling) may be performed on the subject property.

# 15.0 REFERENCES

**Table 11: Phase I ESA References** 

Reference	Agency/Company	Comments
<b>Physical Setting References</b>		
USGS 7.5 Minute Series Topographic Map, Detroit, Michigan Quadrangle, 1968, photorevised 1973 and 1980	United States Geological Survey	Elevation and other topographical features
Quaternary Geologic Map of Michigan, 1987	Michigan Department of Natural Resources	Surficial and quaternary geology
Hydrogeologic Atlas of Michigan	United States Geological Survey	Hydrogeologic conditions
Wayne County Soil Survey	United Stated Department of Agriculture, 1977	Soil classification
Historical References		
The client, Property Owner/Owner's Representative	Client	Historical information
Aerial photographs dated 1949, 1952, 1956, 1961, 1981, 1997	SEMCOG, (313) 324-3362	Historical information
1999 Aerial photograph	Terraserver-usa.com	Historical information
2005 Aerial Photograph	MapCard	Historical Information
2007 Aerial Photographs	Google Earth	Historical Information
Sanborn <sup>®</sup> Fire Insurance Maps dated 1897, 1921, 1950, 1988, and 1992	FirstSearch Technology Corporation (781) 320-3720	Historical information
Local street directories published by Polk dated 1921, 1927, 1931,1935, 1940, 1951, 1963, 1967	Royal Oak Public Library	Historical information
Local street directories published by Bresser's dated 1972, 1981, 1985, 1989, 1993, 1995, 1998, 2001, 2005, 2008	Royal Oak Public Library	Historical information
<b>Utility References</b>		
Mr. Michael Kubien	Detroit Water and Sewerage Department	Water and Sewer main installation

Reference	Agency/Company	Comments
FOIA Coordinator	MichCon	Natural gas main installation
Regulatory References		
Freedom of Information Coordinator	Michigan Department of Environmental Quality Remediation and Redevelopment Division (313) 456-4665	Environmental records
Freedom of Information Coordinator	Michigan Department of Environmental Quality Waste and Hazardous Materials Division (586) 753-3700	Environmental records
EPA-Emergency Response Database (Region 5)	Environmental Protection Agency- Region 5- (312) 886-6686	
Detroit Health Department	Detroit Health Department, Environmental Services (313) 876-4236	Environmental records
Environmental Health Department-Land and Resource Management Division	Wayne County Environmental Health Department, (734) 326-3936	Environmental/operational information
City of Detroit Department of Environmental Affairs	City of Detroit Department of Environmental Affairs, (313) 471-5115	Environmental/operational information
Assessing Department	City of Detroit Finance Department, Assessment Division (313) 224-2937	Ownership and historical information
Building Department	City of Detroit Buildings and Safety Engineering Department (313) 224-1467	Building permits
Fire Department	Fire Marshal, City of Detroit (313) 596-2900	Fuel storage tank information and environmental concerns
Radius Map Report	FirstSearch Technology Corporation (781) 320-3720	Federal and state database search

# 16.0 RELIANCE

Identified parties who will rely on this Phase I ESA include The City of Detroit Department of Environmental Affairs.

# 17.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

TTG has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05. We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquires in conformance with the standards and practices set forth in 40 CFR Part 312. Credentials are provided in **Appendix G**.

Prepared By:

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acon R. Winther

Reviewed By:

Mr. William T. O'Brien Senior Project Manager